

# FILE NOTATIONS

Entered in NID File .....  
 Location Map Filled .....  
 Card Indexed .....  
 ✓

Checked by Chief *MMO*  
 Approval Letter *11-21-69*  
 Disapproval Letter .....

## COMPLETION DATA:

Date Well Completed *5-10-70*  
 OW... *L*... WW..... TA.....  
 GW..... OS..... FA.....

Location Inspected .....  
 Bond released  
 State or Fee Land .....

## LOGS FILED

Driller's Log. *6-5-70*  
 Electric Logs (No.) *5*.....  
 E..... I..... Dual I Lat. *2*..... GR-N..... Micro.....  
 BHC Sonic GR. *2*..... Lat..... MI-L..... Sonic.....  
 CBLog..... CCLog..... Others *3. Situation & Hydrocarbon*

(Other instructions on reverse side)

## STATE OF UTAH

## OIL &amp; GAS CONSERVATION COMMISSION

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL WELL ☐GAS WELL ☐

OTHER Exploratory

SINGLE ZONE ☐MULTIPLE ZONE ☐

## 2. NAME OF OPERATOR

Shell Oil Company

## 3. ADDRESS OF OPERATOR

P. O. Box 999, Bakersfield, California

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1980' Westerly and 1980' Southerly from the Northeast corner of Section 35, T. 1 S., R. 4 W., U.S.M.

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

N.A.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any) 660'

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

N.A.

## 16. NO. OF ACRES IN LEASE

40

## 19. PROPOSED DEPTH

12,000±'

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6378' GR.

## 22. APPROX. DATE WORK WILL START\*

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"		40±'	
12-1/4"	9-5/8"	36±	1500±' ✓	500 sacks ✓

## Surface Formation:

1. Drill 26" hole to 40±' and set 20" subconductor pipe.
2. Drill 12-1/4" hole to 1500±'. Run and cement 1500±' of 9-5/8", 36#, J-ST&C casing to surface with 500 sacks of cement. ✓
3. Install 10 series 900 hydraulically operated dual Shaffer gate and G.K. hydrill with Payne closing unit. ✓
4. Drill 8-1/4" hole to 12,000±'. ✓

NOTE: This is a prospect well, and casing program will depend upon formations encountered. We request this information be treated as confidential. ✓

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED JAMES D. Smith TITLE \_\_\_\_\_ DATE NOV 18 1969

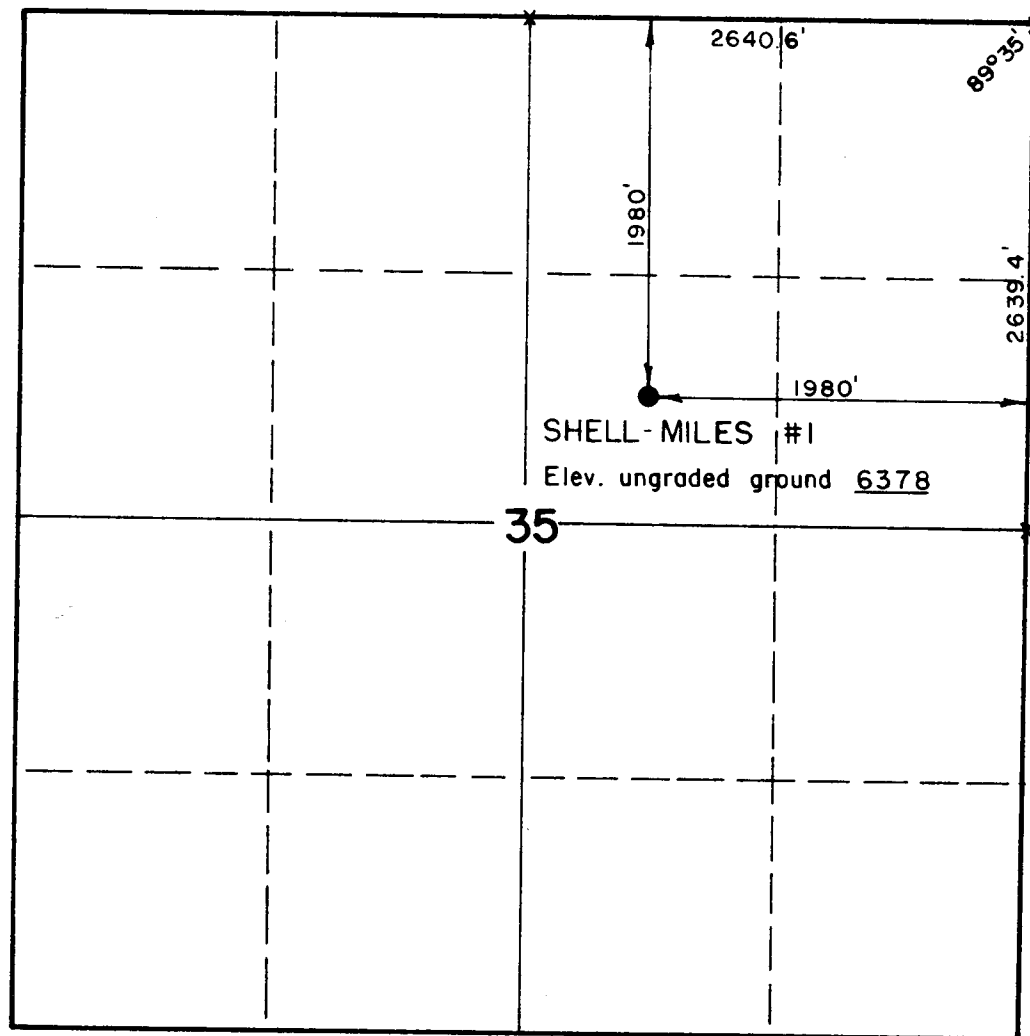
(This space for Federal or State office use)

PERMIT NO. 43-013-30029 APPROVAL DATE Paul Bond

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

1/2  
T1S, R4W, U.S.M.



X = Corners Re-established

PROJECT

SHELL OIL COMPANY

WELL LOCATION AS SHOWN IN THE SW1/4  
NE1/4, SECTION 35, T1S, R4W, U.S.M.  
DUCHESE COUNTY, UTAH.



CERTIFICATE

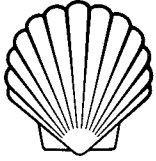
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Lore Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 12 Nov. 1969
PARTY GS-MS-KM	REFERENCES GLO Township Plat
WEATHER COOL	FILE SHELL OIL CO.



# SHELL OIL COMPANY

POST OFFICE BOX 999  
BAKERSFIELD, CALIFORNIA 93301

NOV 18 1969

Application for Permit to Drill  
Miles No. 1  
Duchesne County, Utah

State of Utah  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Gentlemen:

Attached in triplicate is our application for permit to drill (and accompanying location plats) Miles No. 1, an exploratory test, in the SW/4, NE/4, Section 35, T. 1 S., R. 4 W., U.S.M., Duchesne County, Utah.

We have an operating agreement with Tenneco, who is the lessee of record.

Very truly yours,

F. A. MacDougall  
Division Production Manager  
San Joaquin Division

Attachments

November 21, 1969

Shell Oil Company  
P.O. Box 999  
Bakersfield, California

Re: Well No. Shell-Miles #1  
Sec. 35, T. 1 S, R. 4 W,  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

Should you determine that it will be necessary to plug and abandon this well you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer  
HOME: 277-2890  
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your co-operation with respect to completing these forms will be greatly appreciated.

53

8  
Shell Oil Company  
November 21, 1969  
Page 2

The API number assigned to this well is 43-013-30029 (see Bulletin D-12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd  
Enclosures

34

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Exploratory</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>N.A.</b>
2. NAME OF OPERATOR <b>Shell Oil Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N.A.</b>
3. ADDRESS OF OPERATOR <b>P. O. Box 999, Bakersfield, California</b>		7. UNIT AGREEMENT NAME <b>N.A.</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1980' westerly and 1980' southerly from the northeast corner of Section 35, T. 1 S., R. 4 W., U.S.M.</b>		8. FARM OR LEASE NAME <b>Miles</b>
14. PERMIT NO. <b>43-013-30029</b>		9. WELL NO. <b>No. 1</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6378' GR.</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 35, T. 1 S., R. 4 W., U.S.M.</b>
		12. COUNTY OR PARISH <b>Duchesne</b>
		13. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Monthly report of operations.</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Month of December 1969:

Spudded 12-1-69. Drilled to 102'. On 12-2-69, cemented 13-3/8" casing at 102' with 200 sacks of cement. Drilled to 1490'. On 12-6-69 ran and cemented 9-5/8" casing at 1490' with 250 sacks of cement. Drilled to 6725'. On 12-20-69 ran D.S.T. #1 6309-6425', recovered 9.6 barrels SOCM. Drilled to 8400'. On 12-31-69 ran D.S.T. #2 8105-8210', recovered 930' fluid - 1.2 barrels of oil and 10.4 barrels oil cut mud. Depth at months end 8400'.

Note: We request this information be treated as confidential.

18. I hereby certify that the foregoing is true and correct

SIGNED ARM Macdonald TITLE Div. Prod. Mgr. DATE JAN 30 1970

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1.</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>Exploratory</u>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> --
<b>2. NAME OF OPERATOR</b> <u>Shell Oil Company</u>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> --
<b>3. ADDRESS OF OPERATOR</b> <u>P.O. Box 999, Bakersfield, California 93302</u>		<b>7. UNIT AGREEMENT NAME</b> --
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>1980' westerly and 1980' southerly from the northeast corner of Section 35, T. 1 S., R. 4 W., U.S.M.</u>		<b>8. FARM OR LEASE NAME</b> <u>Miles</u>
<b>14. PERMIT NO.</b> <u>API 43-013-30029</u>		<b>9. WELL NO.</b> <u>1</u>
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) <u>6378 GR.</u>		<b>10. FIELD AND POOL, OR WILDCAT</b> <u>Wildcat</u>
		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> <u>Section 35, T. 1 S., R. 4 W., U.S.M.</u>
		<b>12. COUNTY OR PARISH</b> <u>Duchesne</u> <b>13. STATE</b> <u>Utah</u>

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Cement 7" casing at 11,458 feet with 860 sacks and drill 6-1/8" hole to 12,000'.

**18. I hereby certify that the foregoing is true and correct**

SIGNED *[Signature]* TITLE Division Production Mgr. DATE FEB 5 1970

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



John Jen - Shell - 9/70

Miles #1

11,461 - Run 7"

Logging today

Will drill to 217,000

JMB

22

STATE OF UTAH

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

## OIL &amp; GAS CONSERVATION COMMISSION

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

N/A

6. IF INDIAN, ALLOTTED OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Miles

9. WELL NO.

No. 1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 35, T. 1 S.,  
R. 4 W., U.S.M.

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Exploratory

2. NAME OF OPERATOR

Shell Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 999, Bakersfield, California 93302

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)

At surface 1980' westerly and 1980' southerly from the northeast corner of Section 35, T. 1 S., R. 4 W., U.S.M.

14. PERMIT NO.

43-013-30029

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6378' GR.

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐

FRACTURE TREATMENT

REPAIRING WELL

☐  
☐  
☐  
☐

SHOOTING OR ACIDIZING

ALTERING CASING

(Other) Monthly Report of Operations

☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Month of January 1970:

Drilled from 8400' to 9203'. On 1-8-70 ran DST No. 3 8979-9203', recovered 19 barrels highly gas cut mud with trace oil. Drilled to 9855'. On 1-14-70 ran DST No. 4 9650-9855', recovered 1.6 barrels oil and gas cut mud. Drilled to 10,860'. On 1-24-70 ran DST No. 5 10,600-10,800', recovered 47 barrels oil and gas cut mud and water (including 18 barrels water cushion). Drilled to 11,323'. On 1-31-70 ran DST No. 6 11,110-11,237', recovered 50 barrels gassy mud, oil and water emulsion (including 30 barrels water cushion). Depth at months' end 11,323'.

NOTE: We request this information be treated as confidential.

18. I hereby certify that the foregoing is true and correct

SIGNED

*ARMOR Dargill*

TITLE

Div. Production Manager

DATE

FEB 9 1970

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

March 6, 1970

MEMO FOR FILING

CONFIDENTIAL

Re: March 3, 1970  
Shell Oil Company  
Shell Miles #1  
Sec. 35, T. 1 S., R. 4 W.,  
Duchesne County, Utah

A safety inspection was made of the Brinkerhoff Drilling Company's rig #17 in the accompaniment of Mr. Bill Prince, toolpusher. The overall check was considered acceptable.

The driller, Mr. Bill Moon, reported that they were presently at a depth of 12,238' and were almost at total depth. To date, several good oil shows had been found and the contractor proposes to conduct a drill stem test Thursday morning so that company executives from California can be on location to witness the operations.

It should be noted that the pits are almost filled to capacity, however, they are fenced and the nearby livestock are protected.

PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

PWB:jw

cc: U.S. Geological Survey

22

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Exploratory</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>N.A.</b>	
2. NAME OF OPERATOR <b>Shell Oil Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N.A.</b>	
3. ADDRESS OF OPERATOR <b>P. O. Box 999, Bakersfield, California 93302</b>		7. UNIT AGREEMENT NAME <b>N.A.</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <b>At surface 1980' Westerly and 1980' Southerly from the Northeast corner of Section 35, T. 1 S., R. 4 W., U.S.M.</b>		8. FARM OR LEASE NAME <b>Miles</b>	
14. PERMIT NO. <b>43-013-30029</b>		9. WELL NO. <b>No. 1</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6378' GR.</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA <b>Section 35, T. 1 S., R. 4 W., U.S.M.</b>	
		12. COUNTY OR PARISH <b>Duchesne</b>	13. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Monthly Report of Operations</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

#### Month of February, 1970:

Drilled from 11,323' to 11,461'. On 2-9-70 ran logs and took S.W.S. On 2-10-70 ran and cemented 7" casing at 11,460' with 1,040 sacks of cement. Drilled to 11,570'. On 2-18-70 cut core No. 1 from 11,570-11,595'. Drilled to 12,072'. On 2-26-70 cut core No. 2 12,072-12,095'. Depth at month's end 12,201'.

NOTE: We request this information be treated as confidential.

18. I hereby certify that the foregoing is true and correct

SIGNED RL Gattwood for TITLE Division Production Manager DATE 3/18/70

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

SEC. 26 N  $\frac{1}{2}$  SE  $\frac{1}{4}$   
 SEC. 25 ~~NW  $\frac{1}{4}$~~  N  $\frac{1}{2}$  SW  $\frac{1}{4}$  T. 3 N, R. 24 E.  
 E  $\frac{1}{2}$  NW  $\frac{1}{4}$

Bakersfield, Calif. - 3/30/70 - Shell <sup>see</sup> sec 35 Miles ~~70~~ #1  
 John Jung - T. D. 12, 970 - Ready to  
 log & run 5" liner  $\downarrow$   
 11,460 = 7"  
 testing from bottom up - will come  
 perfs. with bridg. plugs with cement on top. <sup>11,460</sup> to T.D.  
 Permit

(Fee) Brotherson #1 - new location

1985' FNL 2131' FEL - SW NE  
 sec 23 T 2S R 4W USM. sec 23  
 Duchesne  
 4 miles offset.  
 2000' surface 95 (12350' test)

verbal approval given to spend  
 JMB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN **PLICATION\***  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <u>Exploratory</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>N.A.</u>
2. NAME OF OPERATOR <u>Shell Oil Company</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>N.A.</u>
3. ADDRESS OF OPERATOR <u>P. O. Box 999, Bakersfield, California 93302</u>		7. UNIT AGREEMENT NAME <u>N.A.</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>1980' westerly and 1980' southerly from the northeast corner of Section 35, T. 1 S., R. 4 W., U.S.M.</u>		8. FARM OR LEASE NAME <u>Miles</u>
14. PERMIT NO. <u>43-013-30029</u>		9. WELL NO. <u>No. 1</u>
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>6396' K.B.</u>		10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>
		11. SEC., T., R., H., OR BLK. AND SURVEY OR AREA <u>Sec. 35, T. 1 S., R. 4 W., U.S.M.</u>
		12. COUNTY OR PARISH <u>Duchesne</u>
		13. STATE <u>Utah</u>

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Monthly report of operations</u>	<input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Month of March 1970:

Cut core No. 3 from 12,178' to 12,232', rec. 53.6'. Drilled to 12,280'. On 3/4/70, ran DST No. 7 from 12,130' to 12,280'. Recovered 21 bbls. gas cut oil and water emulsion plus 4.4 bbls. gas cut water cushion with trace oil. Drilled to 12,514'. On 3/12/70 cut core No. 4 from 12/514' to 12/553', rec. 39'. On 3/13/70 cut core No. 5 from 12,553' to 12,570', rec. 16.5'. Drilled to 12,891'. On 3/20/70 cut core No. 6 from 12,891' to 12,931', rec. 40'. Drilled to total depth of 12,970'.

Note: We request this information be treated as confidential.

18. I hereby certify that the foregoing is true and correct

SIGNED

*[Signature]*

TITLE Div. Prod. Mgr.

DATE

APR 10 1970

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

# Shell Oil Hits Big Payoff In Uintah Basin Wildcat

By Daniel K. Cunningham  
Tribune Business Writer

VERNAL — Spurned by the fickle Paradox Basin, Shell Oil Co. shifted attention to the Uintah Basin — and scored.

The big winner is Shell No. 1 Miles, a rank wildcat 15 miles north of Duchesne and some 10 miles southwest of the ever-growing Bluebell field.

"Now the Vernal area is really humming," says Paul W. Burchell, Utah Oil & Gas Conservation Commission. Recently the service companies, consultants and contractors were hurting — but now they're making money hand over fist!"



Mr. Cunningham

## Oilmen Arrive

The Shell discovery has brought oilmen flocking to the basin at a normally slow season. One motel owner reported his receipts this month are running three times above that of last year.

"Shell has made a very significant discovery," one geologist said. "It's in the middle of the basin where there has been very little production and little drilling."

But Mr. Burchell predicts this will change. "You will see exploration doubled in the area. If you fly over the basin now you will see five big rigs surrounding the Bluebell in extension tests. And Shell is drilling another offset well four miles west of No. 1 to see how extensive their find is. Mountain Fuel Supply, which made a discovery at their Sink Draw well 18 miles away, also is drilling an offset well."

## Involved in Area

Four major principals are involved in the area — Chevron Oil Co., Flying Dia-

mond Land and Mineral Corp., Mountain Fuel and Shell. "All seem to be sitting on top of a good field," Mr. Burchell added.

The well is in section 35, township 1 South, range 4 West. Drilled to 12,970 feet, flowed 30 barrels an hour and one day produced 875 barrels naturally without any acidizing.

Oil is produced from the Wasatch formation.

Mr. Burchell noted the field may be unrelated to the Bluebell and be "something else."

## Reluctant to Talk

"Shell is very tight (untalkative) about this. They have extremely high pressure, which gave them a lot of trouble until they got it under control."

"The well adds to the development of the basin, whether it is part of the Bluebell or not I don't know . . . "This may be another Bluebell."

Oilmen say that the often-taciturn Shell is extremely "exuberant" about the find. Shell's area exploration teams were understandably depressed after unsuccessful efforts in the Paradox Basin around Moab.

In Paradox last year and early this year Shell drilled six holes — all dry. It cost them several million dollars.

"Then they went into the Uintah — and it's been a shot in the arm," Mr. Burchell added.

*Salt Lake Tribune*  
*April 25, 1970*

22

THE STATE OF UTAH  
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <b>Exploratory</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>N.A.</b>
2. NAME OF OPERATOR <b>Shell Oil Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N.A.</b>
3. ADDRESS OF OPERATOR <b>P. O. Box 999, Bakersfield, California 93302</b>		7. UNIT AGREEMENT NAME <b>N.A.</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1980' westerly and 1980' southerly from the northeast corner of Section 35, T. 1 S., R. 4 W., U.S.M.</b>		8. FARM OR LEASE NAME <b>Miles</b>
14. PERMIT NO. <b>43-013-30029</b>		8. WELL NO. <b>No. 1</b>
15. ELEVATIONS (Show whether OF, RT, OR, etc.) <b>6396' K.B.</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Section 35, T. 1 S., R. 4 W., U.S.M.</b>
		12. COUNTY OR PARISH <b>Duchesne</b>
		13. STATE <b>Utah</b>

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On ~~4-14~~-70, perforated 12,910-12,942'. Tested interval: 850 BOPD, 475 Mcf/D, GOR 560, FTP 660 psi, ck 3/8".

On 4-21-70, set permanent production packer with knock out plug installed at 12,880'. Perforated 12,341-12,356' and 12,543-12,575'. Tested intervals: 1004 BOPD, 530 Mcf/D, GOR 530, FTP 430 psi, ck 5/8".

Note: We request this information be treated as confidential.

18. I hereby certify that the foregoing is true and correct

SIGNED

*[Signature]*

TITLE **Division Production Mgr.**

DATE

**MAY 14 1970**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



THE STATE OF UTAH  
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <b>Exploratory</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>N.A.</b>
2. NAME OF OPERATOR <b>Shell Oil Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N.A.</b>
3. ADDRESS OF OPERATOR <b>P. O. Box 999, Bakersfield, California 93302</b>		7. UNIT AGREEMENT NAME <b>N.A.</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>1980' westerly and 1980' southerly from the north-east corner of Section 35, T. 1 S., R. 4 W., U.S.M.</b>		8. FARM OR LEASE NAME <b>Miles</b>
14. PERMIT NO. <b>43-013-30029</b>		9. WELL NO. <b>No. 1</b>
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <b>6396' K.B.</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Section 35, T. 1 S., R. 4 W., U.S.M.</b>
		12. COUNTY OR PARISH <b>Duchesne</b>
		13. STATE <b>Utah</b>

## 18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) **Monthly Report of Operations** ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

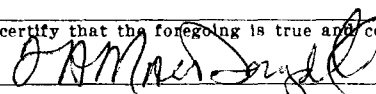
### Month of April, 1970

On 4-4-70, ran 5", 18#, P-110, LT&C liner, shoe at 12,962', liner hanger at 11,299'. Cemented with 125 sacks Class G cement and 0.7% HR-4. Displaced cement with 110 bbls. of mud. Well started to flow at 8:00 A.M. 4-5-70. With drill pipe at 5474' circulated 16.1#/gal. mud and killed well. On 4-6-70, squeezed cement between 5" liner and 7" casing. WOC 10 hrs. On 4-7-70 ran in and found top of cement at 10,998'. Drilled out hard cement to 11,198'. On 4-8-70, cleaned out cement to 11,299', and pressure tested liner. On 4-9-70, ran in with bit to 11,299', drilled out 1' of cement and lowered to float collar at 12,897'. On 4-10-70, drilled out float collar and cement to 12,950'. On 4-14-70, perforated four holes/ft. 12,910-12,942'. On test well flowed 850 BO/D, 475 Mcf. gas/D, GOR 560, FTP 660 psi on 3/8" ck. On 4-20-70, set permanent packer with knock-out plug at 12,880'. Perforated four holes/ft. 12,543-12,575' and 12,341-12,356'. On test well flowed at an average daily rate of 1004 BO, 530 Mcf., GOR 530, FTP 430 psi, 5/8" ck. On 4-28-70, ran 261 jts. of 5", 18#, LT&C casing. Stabbed into liner hanger at 11,299'. On 4-30-70, ran production equipment.

Note: We request this information be treated as confidential.

18. I hereby certify that the foregoing is true and correct

SIGNED


TITLE **Division Production Manager** DATE
**MAY 14 1970**

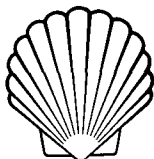
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



# SHELL OIL COMPANY

POST OFFICE BOX 999  
BAKERSFIELD, CALIFORNIA 93301

MAY 27 1970

Completion Reports (Form OGCC-3)  
Shell Miles No. 1  
Duchesne County, Utah

State of Utah  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Gentlemen:

Attached in duplicate are the completion reports for the captioned well. Although all three perforated intervals are in the Lower Green River Transitional Beds, we have selectively completed the well to permit isolation of the lowermost perforated interval from the two upper intervals within the well bore. A schematic diagram is attached to the completion reports.

The electric logs will be filed at a later date.

Very truly yours,

F. A. MacDougall  
Division Production Manager  
San Joaquin Division

Attachments

STATE OF UTAH

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

OIL &amp; GAS CONSERVATION COMMISSION

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Shell Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 999, Bakersfield, Calif. 93302

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1980' westerly and 1980' southerly from the northeast corner of Section 35, T. 1 S., R. 4 W., USM.

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-013-30029

DATE ISSUED

11-21-69

5. LEASE DESIGNATION AND SERIAL NO.

NA

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Miles

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 35, T. 1 S., R. 4 W., USM

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

15. DATE SPURRED

12-1-69

16. DATE T.D. REACHED

3-27-70

17. DATE COMPL. (Ready to prod.)

5-10-70

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6396' KB

19. ELEV. CASINGHEAD

6379'

20. TOTAL DEPTH, MD &amp; TVD

12,970' MD

21. PLUG, BACK T.D., MD &amp; TVD

12,950' MD

22. IF MULTIPLE COMPL., HOW MANY\*

selective compl.

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

0-12,970

CABLE TOOLS

-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

12,341-12,356'

12,543-12,575'

Lower Green River Transitional Beds

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Laterolog, Gamma Ray-Sonic,

Dipmeter, Cement Bond Log, Perforating Depth Control.

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54	102'	17"	200 sacks class "G"	None
9-5/8"	36	1490'	12-1/4"	500 sacks class "G"	None
7"	26 & 29	11,460'	8-3/4"	1040 sacks class "G"	None
5"	18	11,299'	-	Stabbed into 5" liner	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5", 18#/ft	11,299	12,962	125 "G"	None

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	12,909'	12,169' and 12,889'

31. PERFORATION RECORD (Interval, size and number)

12,341-12,356', four 1/2" JPF

12,543-12,575', four 1/2" JPF

12,910-12,942', four 1/2" JPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,299'	Squeezed top 5" liner - 7" casing lap with 70 sacks class "G" cement.

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-22-70		flowing				shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-22-70	24	5/8"	→	1004	530	0	530
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
430 psi	0	→	1004	530	0	40°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

vented

TEST WITNESSED BY

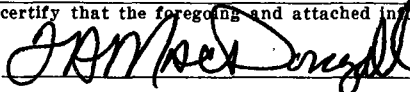
V. E. Malquist

35. LIST OF ATTACHMENTS

Item 37, Schematic Diagram of Selective Completion

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE

Divn. Prod. Manager

DATE

5/27/70

\*(See Instructions and Spaces for Additional Data on Reverse Side)

General: or both, p submitted

State or State etc. Section 35. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35. -

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 23:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced showing the additional data pertinent to such interval.

for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

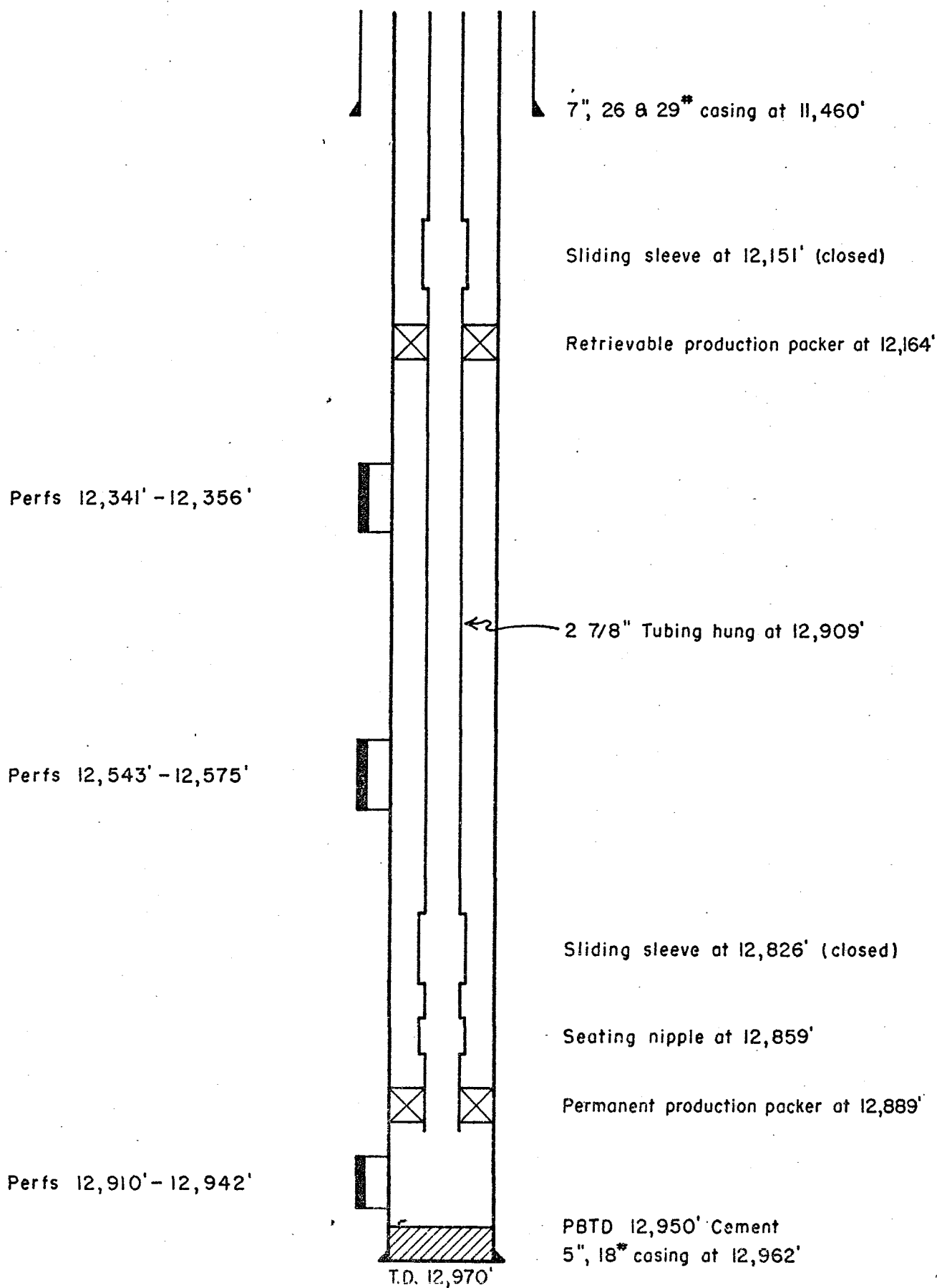
**Item 30:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			<p>MEAS. DEPTH</p> <p>5850'</p> <p>NAME</p> <p>Green River</p>
			<p>TOP</p> <p>MEAS. DEPTH</p> <p>TRUE VERT. DEPTH</p>

SHELL  
Miles - I  
Sec. 35, T1S, R4W  
Duchesne Co., Utah

SCHEMATIC DIAGRAM OF SELECTIVE COMPLETION



DRILLSTEM TESTS

<u>D.S.T. No.</u>	<u>Interval</u>	<u>Results</u>
D.S.T. No. 1	6309' - 6425'	No water cushion, tool open 1 hr., rec. 9.6 Bbls. SOCM, IH - 3076, FH - 3061, ISI 2030, F.S.I. - 1533, I.F. - 274, F.F. 314.
D.S.T. No. 2	8105' - 8210'	No water cushion, tool open 1 hr., rec. 1.2 Bbls. oil and mud plus 10.4 Bbls. oil cut mud, I.H. - 3936, F.H. - 3934, I.S.I. - 3188, F.S.I. 3140, I.F. 214, F.F. 220.
D.S.T. No. 3	8979' - 9203'	No water cushion, tool open 1 hr., rec. 19 Bbls. highly gas cut mud with trace oil, I.H. - 4415, F.H. - 4395, I.S.I. - 4290, F.S.I. - 4011, I.F. - 868, F.F. 1011.
D.S.T. No. 4	9650' - 9855'	No water cushion, tool open 1 hr., rec. 1.6 Bbls. gas and oil cut mud, I.H. - 4751, F.H. - 4751, I.S.I. - 3748, F.S.I. - 2599, I.F. - 200, F.F. - 205.
D.S.T. No. 5	10,600 - 10,800'	1410' fresh water cushion, tool open 1 hr., rec. 5 Bbls. gas and mud cut oil, 18 Bbls. gassy water cushion with scum oil, and 24 Bbls. heavy gas cut mud with trace oil. Total rec. 47 Bbls. I.H. - 5247, F.H. - 5196, I.S.I. - 3653, F.S.I. - 2651, I.F. - 921, F.F. - 1080.
D.S.T. No. 6	11,110' - 11,237'	2311' fresh water cushion, tool open 2 hrs., rec. 50 Bbls. gross gassy mud, oil and water emulsion, (includes 30 Bbls. water cushion). I.H. - 5678, F.H. - 5604, I.S.I. - 5492, F.S.I. - 4620, I.F. - 1291, F.F. - 1790.
D.S.T. No. 7	12,130' - 12,280'	2032' fresh water cushion, tool open 2 hrs., rec. 21 Bbls. heavily gas cut oil and water emulsion plus 4.4 Bbls. gas cut water cushion with trace oil. Net rec. 11.9 Bbls. (original water cushion 13.5 Bbls.), I.H. - 7624, F.H. - 7572, I.S.I. - 7572, F.S.I. - 7292, I.F. 1132, F.F. 1931.

WELL COMPLETION REPORT

Shell Miles No. 1  
Section 35, T. 1 S., R. 4 W.  
Duchesne County, Utah

Item 37

Summary of Cored Intervals and Drillstem Tests

<u>Core No. 1</u>	<u>Interval (ft.)</u>	<u>Cores</u>		<u>Lithology</u>
		<u>Recovery (ft.)</u>		
1	11,570-595.5	25.5		13.7 ft. sand 11.8 ft. shale
2	12,072-095	22.3		8.3 ft. sand 14.0 ft. shale
3	12,178-232	53.6		34.0 ft. sand 19.6 ft. shale
4	12,514-553.5	39.5		16.0 ft. sand 23.5 ft. shale
5	12,553.5-570	16.5		9.8 ft. sand 6.7 ft. shale
6	12,891-931	41.5		5.0 ft. sand 36.5 ft. shale

## CORE ANALYSIS RESULTS

Company Shell Oil Company Formation Green River Transition File RP-3-2408  
 Well Miles # 1 Core Type Dia. Conv. 2 5/8" Date Report 2-19-70  
 Field Wildcat Drilling Fluid Clay Base Analysts Mohl  
 County Duchesne State Utah Elev. 6396 KB Location SW NE Sec 35 - T 1S - R 1W

## Lithological Abbreviations

SAND-SD SHALE-SH LIME-LM DOLOMITE-DOL CHERT-CH GYPSUM-GYP ANHYDRITE-ANHY CONGLOMERATE-CONG FOSSILIFEROUS-FOSS SANDY-SDY SHALY-SHY LIMY-LMY FINE-FN MEDIUM-MED COARSE-COE CRYSTALLINE-XLN GRAIN-GRN GRANULAR-GRNL BROWN-BRN GRAY-GY VUGGY-VGY FRACTURED-FRAC LAMINATION-LAM STYLOLITIC-STY SLIGHTLY-SL/ VERY-V/ WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs K <sub>A</sub>	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
1	11570 - 11570.5	0.16	5.4	22.2	29.6	Ss, gry, fn-med, sl calc
2	11570.5 - 11571	0.14	6.3	14.3	34.9	Ss, gry, fn-med, sl calc
3	11571 - 11571.5	0.16	6.6	13.6	46.9	Ss, gry, fn-med, sl calc
4	11571.5 - 11572	0.10	6.7	13.4	47.7	Ss, gry, fn-med, sl calc
5	11572 - 11572.5	0.04	7.0	17.1	48.6	Ss, gry, fn-med, sl calc
6	11572.5 - 11573	0.05	7.6	0.0	68.4	Ss, gry, fn-med, sl calc
7	11573 - 11574	0.11	5.4	0.0	77.7	Ss, gry, fn-cse, calc
8	11574 - 11575	0.04	6.0	0.0	55.0	Ss, gry, fn-cse, calc
Porosity and Permeability only						
9	11579.5	<0.01	1.2			Ss, gry, fn, calc, dolo
10	11585	<0.01	0.8			Ss, gry, fn, calc, dolo
11	11588	<0.01	3.2			Ss, wh, fn-med, calc, dolo
12	11591	<0.01	1.0			Ss, wh, fn, calc, dolo

## Natural Density Determination

11577 2.62  
 11581 2.59  
 11583 2.66  
 11586.5 2.60  
 11589.5 2.60  
 11593 2.58  
 11594 2.61  
 11595 2.62



CORE LABORATORIES, INC.  
Petroleum Reservoir Engineering  
DALLAS, TEXAS

## CORE ANALYSIS RESULTS

Company Shell Oil Company Formation Green River Transition File RP-3-2408  
Well Miles # 1 Core Type Dia. Conv. 2 5/8" Date Report 2-28-70  
Field Wildcat Drilling Fluid Clay Base Analysts Mohl  
County Duchesne State Utah Elev. 6396 KB Location SW NE Sec 35 - T 1S - R 4W

### Lithological Abbreviations

SAND - SD SHALE - SH LIME - LM	DOLOMITE - DOL CHERT - CH GYPSUM - GYP	ANHYDRITE - ANHY CONGLOMERATE - CONG FOSSILIFEROUS - FOSS	SANDY - SDY SHALY - SHY LIMY - LMY	FINE - FN MEDIUM - MED COARSE - CSE	CRYSTALLINE - XLN GRAIN - GRN GRANULAR - GRNL	BROWN - BRN GRAY - GY VUGGY - VGY	FRACTURED - FRAC LAMINATION - LAM STYLOLITIC - STY	SLIGHTLY - SL/ VERY - V/ WITH - W/
--------------------------------------	--	---	--	---	---	---	--	--

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS K <sub>A</sub>	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
13	12072 -72.5	0.02	2.6	0.0	46.1	Ss, wh, fn-med, calc
14	12072.5-73	1.7 *	4.7	0.0	38.3	Ss, wh, fn-med, calc
15	12073 -73.5	0.07	4.8	0.0	41.7	Ss, tan, vfn-fn, calc
16	12073.5-74	0.07	3.8	0.0	21.0	Ss, tan, vfn-fn, calc
17	12074 -74.5	0.05	4.2	11.9	28.6	Ss, tan, vfn-fn, sl calc
18	12074.5-75	0.07	4.2	16.7	28.6	SS, tan, fn-cse, v/calc
19	12075 -75.5	0.40	5.4	13.0	22.2	Ss, tan, fn-cse, calc
20	12075.5-76	0.07	3.5	14.2	42.6	Ss, tan, fn-cse, v/calc
21	12076 -76.5	0.01	2.3	0.0	52.1	Ss, wh, fn-cse, v/calc
22	12076.5-77	0.01	2.3	0.0	43.4	Ss, wh, fn-cse, v/calc
23	12077 -77.5	0.02	2.5	0.0	48.0	Ss, wh, fn-med, v/calc
24	12077.5-78	0.01	3.0	0.0	63.3	Ss, wh, fn-med, v/calc, shly
25	12079 -79.5	0.01	2.4	0.0	62.5	Ss, wh, fn-med, v/calc, shly
26	12079.5-79.8	0.04	1.3	0.0	30.8	Ss, wh, fn, calc
27	12080 -81	0.01	3.7	0.0	81.0	Ss, wh, vfn-fn, calc
28	12081 -81.6	0.01	3.0	0.0	83.3	Ss, gry, vfn, shly

### NATURAL DENSITY DETERMINATION

12078.5	2.61
12080	2.60
12082	2.62
12085	2.63
12088	2.64
12089	2.58
12091	2.61
12093	2.60

### ADDITIONAL PLUGS RERUN

29	12072-73	4.0	12.5	37.5
30	12073-74	5.0	14.0	28.0
31	12074-75	3.6	0.0	33.3
32	12075-76	4.3	11.6	31.2

\* Denotes fracture permeability

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations,

## CORE ANALYSIS RESULTS

Company Shell Oil Company Formation Green River Transition File RP-3-2408  
 Well Miles # 1 Core Type Dia. Conv. 2 5/8" Date Report 3-5-70  
 Field Wildcat Drilling Fluid Clay Base Analysts Mohl  
 County Duchesne State Utah Elev. 6396 KB Location SW NE Sec 35 - T 1S - R 4W

## Lithological Abbreviations

SAND-SB SHALE-SH LIME-LM DOLOMITE-DOL CHERT-CH GYPSUM-GYP ANHYDRITE-ANHY CONGLOMERATE-CONG FOSSILIFEROUS-FOSS SANDY-SBY SHALY-SHY LIMY-LMY FINE-FN MEDIUM-MED COARSE-CSE CRYSTALLINE-XLM GRAIN-GRN GRANULAR-GRNL BROWN-BRN GRAY-GY VUGGY-VGY FRACTURED-FRAC LAMINATION-LAM STYLOLITIC-STY SLIGHTLY-SL/ VERY-V/ WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
33	12178 -78.5	<0.01	1.4	0.0	64.3	Ss, gry, fn, calc, vert frac
34	12178.5-79	<0.01	1.5	0.0	66.7	Ss, gry, fn, calc
35	12179 -79.5	0.01	2.5	0.0	68.0	Ss, gry, vfn, calc
36	12179.5-80	<0.01	1.9	0.0	63.1	Ss, gry, vfn, calc
37	12180 -80.5	0.01	2.1	0.0	71.4	Ss, gry, vfn-fn, calc, vert frac
38	12180.5-81.2	<0.01	1.1	0.0	18.2	Ss, gry, vfn-fn, calc
39	12183 -83.5	<0.01	0.8	0.0	25.0	Ss, gry, vfn-fn, calc
40	12183.5-84	<0.01	0.8	0.0	25.0	Ss, gry, vfn, calc
41	12184 -84.5	<0.01	0.8	0.0	25.0	Ss, gry, vfn, v/calc
42	12184.5-85	0.01	2.3	0.0	73.9	Ss, gry, vfn-fn, calc
43	12185 -85.5	0.02	3.0	0.0	70.0	Ss, gry, vfn, calc
44	12185.5-86	0.02	2.9	0.0	65.5	Ss, gry, vfn, calc
45	12186 -86.5	0.04	3.6	0.0	72.3	Ss, gry, vfn, calc
46	12186.5-87	0.01	2.3	0.0	65.2	Ss, gry, vfn, calc
47	12187 -87.5	0.04	4.6	0.0	82.6	Ss, gry, vfn, calc
48	12187.5-88	0.02	3.8	0.0	73.7	Ss, gry, fn, calc
49	12188 -88.5	<0.01	1.0	0.0	40.0	Ss, gry, fn, calc
50	12188.5-89	<0.01	2.3	0.0	73.9	Ss, gry, vfn, v/calc
51	12189 -89.5	<0.01	2.4	0.0	70.9	Ss, gry, vfn, calc
52	12189.5-90	<0.01	1.9	0.0	63.2	Ss, gry, vfn, v/calc, vert frac
53	12191.5-92	<0.01	1.6	0.0	56.2	Ss, gry, vfn, v/calc
54	12192 -92.5	0.01	2.7	0.0	77.8	Ss, gry, vfn, v/calc
55	12192.5-93	0.01	2.3	0.0	56.5	Ss, gry, vfn, calc
56	12193 -93.4	<0.01	1.2	0.0	50.0	Ss, gry, vfn, calc
57	12193.6-94	0.02	7.5	16.0	72.0	Ss, gry, vfn, calc, shly
58	12194 -94.5	0.01	4.9	10.2	73.4	Ss, gry, vfn, calc, shly
59	12194.5-95	<0.01	1.9	0.0	68.4	Ss, gry, vfn, calc, shly
60	12195 -95.5	0.01	6.5	20.0	69.2	Ss, gry, vfn, calc, shly
61	12195.5-96	0.01	4.4	15.9	68.1	Ss, gry, vfn, calc, shly, vert frac
62	12196 -96.5	<0.01	5.6	16.1	69.6	Ss, gry, vfn, calc, v/shly
63	12196.5-97	<0.01	8.4	34.6	53.5	Ss, gry, vfn, calc, v/shly
64	12197 -97.5	<0.01	7.3	20.6	65.8	Ss, gry, vfn, calc, v/shly
65	12197.5-98	<0.01	7.9	27.8	59.5	Ss, gry, vfn, calc, v/shly
66	12198 -98.3	<0.01	8.6	25.6	65.1	Ss, gry, vfn, calc, v/shly
67	12198.5-99	0.01	10.0	22.0	67.0	Ss, gry, vfn, calc, v/shly
68	12199 -99.5	<0.01	8.8	23.4	54.5	Ss, gry, vfn, calc, v/shly
69	12199.5-00	<0.01	8.2	14.6	70.6	Ss, gry, vfn, calc, v/shly
70	12200 -00.5	<0.01	2.8	18.5	48.1	Ss, gry, vfn, calc, shly

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

## CORE ANALYSIS RESULTS

Company Shell Oil Company Formation Green River Transition File RP-3-2408  
 Well Miles # 1 Core Type Dia. Conv. 2 5/8" Date Report 3-5-70  
 Field Wildcat Drilling Fluid Clay Base Analysts Mohl  
 County Duchesne State Utah Elev. 6396 KB Location SW NE Sec 35 - T 1S - R 4W

## Lithological Abbreviations

SAND-SD SHALE-SH LINE-LM DOLOMITE-DOL CHERT-CH GYPSUM-GYP ANHYDRITE-ANHY CONGLOMERATE-CONG FOSSILIFEROUS-FOSS SANDY-SDY SHALY-SHY LIMY-LMY FINE-FN MEDIUM-MED COARSE-CSE CRYSTALLINE-XLN GRAIN-GRN GRANULAR-GRNL BROWN-BRN GRAY-GY VUGGY-VGY FRACTURED-FRAC LAMINATION-LAM STYLOLITIC-STY SLIGHTLY-SL VERY-V/ WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
71	12200.5-01	0.01	2.4	0.0	54.1	Ss, gry, vfn, v/calc, shly
72	12201 -01.5	<0.01	1.2	0.0	33.3	Ss, gry, vfn, v/calc, shly
73	12201.5-02	<0.01	1.0	0.0	90.0	Ss, gry, vfn, v/calc
74	12202 -02.5	0.02	3.1	0.0	67.8	Ss, gry, vfn, v/calc, shly
75	12202.5-03	0.01	2.3	0.0	56.5	Ss, gry, vfn, calc
76	12203 -03.5	0.01	2.4	0.0	54.1	Ss, gry, vfn, calc
77	12203.5-04	0.02	3.3	0.0	63.7	Ss, gry, vfn, sl calc, shly
78	12204 -04.5	0.01	2.0	0.0	40.0	Ss, gry, vfn, sl calc, vert frac
79	12204.5-05	0.01	2.1	0.0	56.8	Ss, gry, vfn, calc, vert frac
80	12205 -05.5	<0.01	1.9	0.0	68.4	Ss, gry, fn-med, calc, vert frac
81	12205.5-06	<0.01	1.8	0.0	50.0	Ss, gry, fn-med, sl calc, shly, vert frac
82	12206 -06.5	0.01	3.9	0.0	74.4	Ss, gry, vfn, sl calc, shly
83	12206.5-07	<0.01	2.1	0.0	61.9	Ss, gry, vfn, sl calc, shly
84	12207 -07.5	<0.01	1.0	0.0	40.0	Ss, gry, vfn, v/calc, shly, vert frac
85	12207.5-08	0.01	3.3	0.0	66.7	Ss, gry, vfn, v/calc, shly, vert frac
86	12208 -08.5	<0.01	1.6	0.0	56.2	Ss, gry, vfn, v/calc, shly, vert frac
87	12208.5-09	<0.01	1.2	0.0	33.3	Ss, gry, vfn, v/calc, vert frac
88	12216 -16.5	<0.01	1.9	0.0	68.4	Ss, gry, vfn, v/calc
89	12216.5-17	<0.01	1.4	0.0	68.4	Ss, gry, fn, v/calc
90	12217 -17.5	<0.01	1.9	0.0	68.4	Ss, gry, fn, v/calc
91	12217.5-18	<0.01	1.2	0.0	33.3	Ss, gry, fn, calc
92	12218 -18.5	0.01	2.5	0.0	68.0	Ss, gry, fn, calc
93	12218.5-19	0.02	3.4	0.0	76.4	Ss, gry, vfn, v/calc
94	12219 -19.5	<0.01	1.4	0.0	64.2	Ss, gry, vfn, sl calc, vert frac
95	12219.5-20	<0.01	1.5	0.0	60.0	Ss, gry, fn, calc
96	12220.1-20.5	<0.01	1.9	0.0	63.1	Ss, gry, fn, calc
97	12220.5-21	<0.01	1.1	0.0	36.4	Ss, gry, vfn, calc
98	12221 -21.5	<0.01	1.8	0.0	44.4	Ss, gry, vfn, calc
99	12221.5-22	0.02	2.6	0.0	80.7	Ss, gry, vfn, calc
100	12226 -26.5	0.01	1.8	0.0	66.7	Ss, gry, vfn, sl calc
101	12226.5-27	0.01	2.0	0.0	45.0	Ss, gry, vfn, calc
102	12227 -27.5	<0.01	1.6	0.0	56.2	Ss, gry, vfn, calc
103	12227.5-28	0.01	2.1	0.0	61.9	Ss, gry, fn, calc
104	12228 -28.5	<0.01	1.4	0.0	64.2	Ss, gry, fn, calc, vert frac
105	12228.5-29	<0.01	1.2	0.0	66.7	Ss, gry, fn, sl calc, vert frac
106	12229 -29.5	<0.01	1.7	0.0	76.5	Ss, gry, vfn, calc, vert frac
107	12229.5-30	<0.01	0.8	0.0	50.0	Ss, gry, vfn, sl calc, vert frac
108	12230 -30.5	<0.01	1.2	0.0	75.0	Ss, gry, vfn, v/calc
109	12230.5-31	<0.01	1.7	0.0	64.7	Ss, gry, vfn, calc
110	12231 -31.6	<0.01	1.8	0.0	61.2	Ss, gry, vfn, calc, vert frac

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

## CORE LABORATORIES, INC.

Petroleum Reservoir Engineering  
DALLAS, TEXAS

Page No. 5

## CORE ANALYSIS RESULTS

Company Shell Oil Company Formation Green River Transition File RP-3-2408  
Well Miles # 1 Core Type Dia. Conv. 2 5/8" Date Report 3-5-70  
Field Wildcat Drilling Fluid Clay Base Analysts Mohl  
County Duchesne State Utah Elev. 6396 KB Location SW NE Sec 35 - T 1S - R 4W

## Lithological Abbreviations

SAND - SD SHALE - SH LIME - LM	DOLOMITE - DOL CHERT - CH GYPSUM - GYP	ANHYDRITE - ANHY CONGLOMERATE - CONG FOSSILIFEROUS - FOSS	SANDY - SDY SHALY - SHY LIMY - LMV	FINE - FN MEDIUM - MED COARSE - CSE	CRYSTALLINE - XLN GRAIN - GRN GRANULAR - GRNL	BROWN - BRN GRAY - GY VUGGY - VGY	FRACTURED - FRAC LAMINATION - LAM STYLOLITIC - STY	SLIGHTLY - SL VERY - V/ WITH - W/
SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS		
				OIL	TOTAL WATER			

## NATURAL DENSITY DETERMINATION

12182	2.64
12193.4	2.62
12198.3	2.62
12210	2.60
12214	2.64
12220	2.60
12222	2.66

MAY 19 1970

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Miles No. 1  
Operator Shell Oil Company Address P.O. Box 999,  
Bakersfield, California Phone 399-5541  
Contractor Brinkerhoff Drlg. Co. Address 870 Denver Club Bldg.  
Denver, Colorado Phone -  
Location SE 1/4 NE 1/4 Sec. 35, T. 1 ~~N~~ S, R. 4 ~~E~~ W, Duchesne County, Utah

Water Sands:

<u>Depth</u>	<u>Volume</u>	<u>Quality</u>	
From:	To:	Flow Rate or Head:	Fresh or Salty:
1. <u>No fresh water sands encountered in this well.</u>			
2. _____			
3. _____			
4. _____			
5. _____			

(Continue on Reverse Side if Necessary)

Formation Tops:

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of Form).
  - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.
- 7

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
Salt Lake City 14, Utah

## REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Altamont Field, Miles Lease

The following is a correct report of operations and production (including drilling and producing wells) for

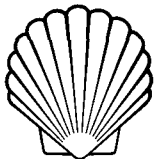
April, 19 70.Agent's address P. O. Box 999 Company Shell Oil CompanyBakersfield, California 93302 Signed J. E. WaltonPhone 805-399-5541 Agent's title Senior AccountantState Lease No. Federal Lease No. Indian Lease No. Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
SW/4 of NE/4 Sec. 35	1 S.	4 W.	1	F	1,790	Ø	1,060	2	Production shown is a result of testing.  Gas produced was vented to the air.
PRIVATE AND CONFIDENTIAL									

Note: There were 1,505.20 runs or sales of oil; Ø M cu. ft. of  
gas sold; Ø runs or sales of gasoline during the month.NOTE: Report on this form as provided  
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
SI-Shut In D-Dead  
GI-Gas Injection TA-Temp. Aban.  
WI-Water Injection



# SHELL OIL COMPANY

POST OFFICE BOX 999  
BAKERSFIELD, CALIFORNIA 93301

JUN 4 1970

Logs - Shell Miles No. 1  
Duchesne County, Utah

State of Utah  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Gentlemen:

Further to our letter dated May 27, 1970, we are enclosing one copy of the logs run in the referenced well: Dual Induction Laterolog, Gamma Ray-Sonic log and mud log.

You are authorized to release these logs and all reports that had previously been filed with the request that they be kept confidential.

Very truly yours,

F. A. MacDougall  
Division Production Manager  
San Joaquin Division

Enclosures

4  
Released - 6-5-70 SD.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1980' FEL and 1980' FNL Section 35		8. FARM OR LEASE NAME Miles
14. PERMIT NO. 43-013-30029		9. WELL NO. 1-35A4
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6396 KB, 6378 GL		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 35-T1S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16.

#### Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

##### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

##### SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Install Gas Lift Egmt

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

As per attached report.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Division Operations Engr.DATE 3/14/74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



INSTALLATION OF GAS LIFT FACILITIES

SHELL OIL COMPANY

2/12/73 - 3/1/74

ALTAMONT

LEASE

MI

WELL

1-35A4

DIVISION

WESTERN

ELEV 6396 KB, 6378 GL

COUNTY

DUCHESNE

STATE

UTAH

UTAH

ALTAMONT

Shell-Miles 1-35A4  
(Install gas lift  
eqmt)

"FR" TD 12,970. PB 12,950. AFE #58883 provides funds to install gas lift equipment.

2/10: Prep to clean tbg. Cut wax, backed well down w/1000 gal diesel. MI&RU Archer-Reed and ran in hole to check PBTD - could not get below 12,150. Pulled out of hole and prepared location for workover rig.

2/11: Prep to MI rig. Ran in w/star bit, 1.75" OD. Cleaned tbg from 12,150 to 12,909. Broached tbg to 1.75" ID. Had tight spot @ 12,810. Tagged btm @ 12,950, WL measurement.

2/12: Prep to MI rig. FEB 12 1973

Shell-Miles 1-35A4  
(Install gas lift  
eqmt)

TD 12,970. PB 12,950. Prep to remove tree and install BOP. MI&RU Western Oilwell Service Co on 2/12/73. FEB 13 1973

Shell-Miles 1-35A4  
(Install gas lift  
eqmt)

TD 12,970. PB 12,950. Prep to run freepoint. Finished RU Western Oilwell. Pumped 100 bbls 2% salt wtr down tbg and 25 bbls down csg. Well on vac. Installed BPV, removed Xmas tree, installed BOP and Hydril, testing to 5000 psi. Removed BPV, picked up on tbg - tbg stuck. Worked tbg to 110,000# pull for 4 hrs. Let tbg set at tension overnight y/110,000# - no movement in pkr. FEB 14 1973

Shell-Miles 1-35A4  
(Install gas lift  
eqmt)

TD 12,970. PB 12,950. Cutting paraffin. Pumped 40 bbls 2% salt wtr down tbg to kill well. RU McC and ran freepoint - could not get through Model "L" sliding sleeve @ 12,151. Sleeve ID 2.25" x 3.2" x 1-3/4" OD. RU Archer Reed and broached sleeve to 1-7/8". Ran freepoint tool - tbg free @ 12,151 but could not get through sleeve @ 12,151. Spudded through - tool shorted out. Started out of hole w/tool hanging in sleeve @ 12,151. Pulled free. Lost btm of tool in hole. Ran slick line, driving fish from btm of tbg. Fish 10" long x 1-3/4" OD. Ran 1-7/8" tool through sleeve and free-point tool (1-3/4" OD), driving tools through sleeve @ 12,151 - shorted out. Ran slick line - could not get 2" broach through sleeve. Pulled slick line - tbg plugged w/paraffin @ 11,060. FEB 15 1973

Shell-Miles 1-35A4  
(Install gas lift  
eqmt)

TD 12,970. PB 12,950. Prep to cut off tbg. Cut paraffin. Ran 1-7/8" broach. Cleaned sliding sleeve @ 12,151. RD Archer Reed. Ran Magna detector. Checked freepoint on tbg w/small amt of movement @ 12,500, at 12,400 had 20 pts movement and pipe free @ 12,380. RD McC. Pulled 110,000# on tbg. Circ 140 bbls 2% salt wtr down csg thru Model "R" pkr and out tbg. Worked tbg to 110,000# for 7 hrs - no progress. RU Marshall WL Service. Broached sliding sleeve @ 12,151 to 2-1/16" ID. RD Marshall WL. FEB 16 1973

Shell-Miles 1-35A4  
(Install gas lift  
eqmt)

TD 12,970. PB 12,950.  
2/17: RU slick line to check tight spot @ 12,134. Cut paraffin w/Archer Reed - could not get below 1475'. Pmpd 60 bbls 2% salt wtr down tbg. Ran 1-13/16" gauge ring to 12,400. RD Archer Reed. Ran 1-13/16" jet cutter w/McC, shooting cutter @ 12,382 - did not free tbg. Ran 240 gr string shot - strung over 1 1/2' length. Shot @ 12,382 - did not free tbg. Ran 480 gr string shot and lost in tbg. Ran 2-1/8" chem gun - could not get below 12,134. Pulled out of hole and ran 2" cutter - could not get below 12,134.  
2/18: Pulling tbg. RU Archer Reed and ran 3-prong grab to 12,134. Rec'd 480 gr string shot. Ran grab on run #2: Rec'd 3' pc of slick line wire @ 12,134. Grab runs #3 and #4: Rec'd balls of hd paraffin. Ran 2-1/8" chem cutter - could not get below 12,145. Pulled out of hole and ran 2" chem cutter, working 1 1/2 hrs getting into sleeve @ 12,151. Cut tbg @ 12,159. Rec'd 3.42' long stub. On top of Model R pkr looking up is 2.68' fishing neck 2-7/8" tbg. Cut indicated burrs on one side and small amt of lip on 1/3 of fishing neck. Started pulling tbg. FEB 19 1973  
2/19: Pulling tbg, bit and scraper. Finished pulling tbg. Picked up 4-1/8" bit and 5" scraper. Ran to top of fish @ 12,159. Circ hole w/150° F fresh wtr.

Shell-Miles 1-35A4  
(Install gas lift  
eqmt)

TD 12,970. PB 12,950. Spacing out tbg. Pulled tbg, bit and scraper. Ran prod eqmt. FEB 20 1973

Shell-Miles 1-35A4  
(Install gas lift  
eqmt)

TD 12,970. PB 12,950. WO gas lift facilities. Spaced out tbg, landing w/10,000# set-down wt. Installed Xmas tree, testing to 2500 psi. RD workover rig. Released rig @ 4 PM, 2/20/73. Prod eqmt as follows: 6' x 3 1/2" OD wash pipe w/top @ 12,157, change-over sub (1.50' long), Baker Model "R" dbl grip pkr w/1.895 ID in mandrel w/top @ 12,148, 2-7/8 x 2-3/8 EUE tbg sub, .80" change-over sub, 10' x 2-7/8" EUE 8rd N-80 tbg sub w/top @ 12,137. Tbg and mandrels as follows:

<u>Jts 2-7/8"</u> <u>seal lock tbg</u>	<u>Camco Type B mandrel</u> <u>w/J-40 valve set @</u>	<u>Top of</u> <u>Mandrel</u>
1	1250 psi	12,102
3	1265 psi	12,005
8	1275 psi	11,755
12	1280 psi	11,380
16	1285 psi	10,882
22	1290 psi	10,199
21	1305 psi	9,547
24	1320 psi	8,802
22	1340 psi	8,119
37	1350 psi	6,973
55	1385 psi	5,271
76	1420 psi	2,921
92		

Remaining eqmt as follows: cross-over 2-7/8" seal lock to 2-7/8" EUE 8rd, 6' sub 2-7/8" EUE 8rd and cross-over 2-7/8" EUE 8rd x 2-7/8" seal lock, 1 jt 2-7/8" seal lock x 2-7/8" EUE 8rd. Total of 390 jts, 12 mandrels and one Model "R" dbl grip pkr. Pmpd 10 bbls diesel down csg and 40 bbls down tbg. TP 3600 psi, CP zero. (RDUFA) FEB 21 1973

Shell-Miles 1-35A4  
(Install gas lift  
eqmt)

TD 12,970. PB 12,950. (RRD 2/21/73). INSTALLATION OF GAS LIFT FACILITIES COMPLETE. On 24-hr test 2/4/73, prior to work, flwd 31 BO, 9 BW and no gas through 20/64" chk w/50 psi FTP and 500 psi CP from gross Wasatch perms 12,341-12,942. On 24-hr test 3/30/73, after gas lift facilities installed, gas lifted 157 BO, 31 BW and 22 MCF gas on 64/64" chk w/115 psi FTP and gas lifted w/551 MCF gas from gross Wasatch perms 12,341-12,942. On 2/25/74, well flwd 206 BO, 35 BW and 177 MCF gas through 20/64" chk w/200 psi FTP and zero CP. FINAL REPORT.

MAR 1 1974

**SHELL OIL COMPANY**  
**PRODUCTION LABORATORY WATER ANALYSIS REPORT**  
**DENVER, COLORADO**

SEC 35-15-4W

FROM: - PRODUCTION LABORATORY  
 DENVER, COLORADO

LABORATORY NUMBER 6525-1  
 SAMPLE TAKEN October 13, 1971  
 SAMPLE RECEIVED October 15, 1971  
 RESULTS REPORTED October 21, 1971

TO: \_\_\_\_\_

**SAMPLE DESCRIPTION**

FIELD NO. 1

COMPANY Shell Oil Company LEASE        Miles         
 SEC. 35 TWP. 1S RGE. 4W SUR.        WELL NO. 1

DISTRICT        FIELD Altamont COUNTY Duchesne STATE Utah

SAMPLE TAKEN FROM       

PRODUCING FORMATION Wasatch TOP       

REMARKS Treater sample

SAMPLE TAKEN BY G. A. Brent

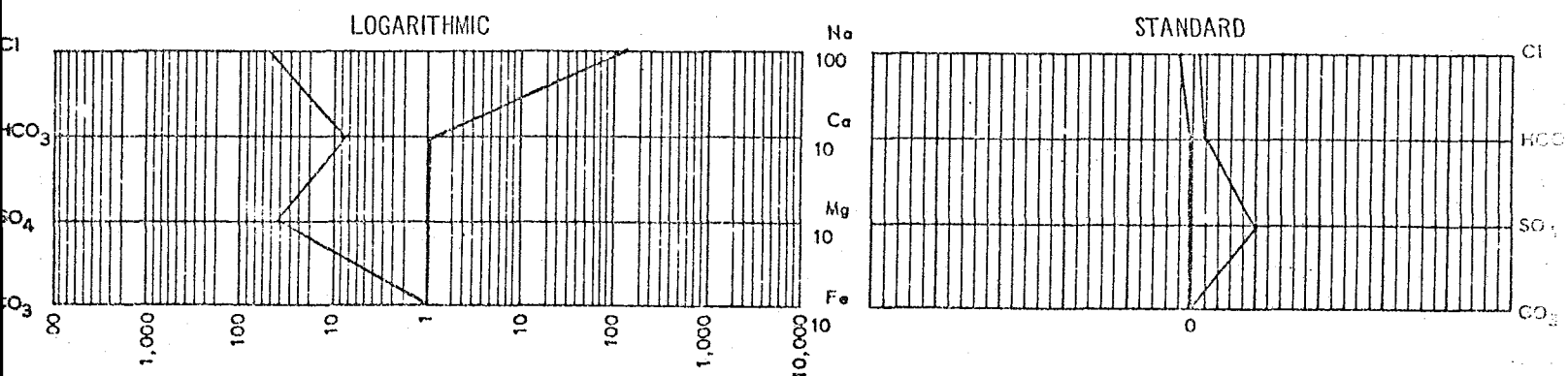
**CHEMICAL AND PHYSICAL PROPERTIES**

SPECIFIC GRAVITY @60/60° F. 1.008 pH 7.9 RES. 0.90 OHM METERS @ 77°F

TOTAL HARDNESS        Mg/L as CaCO<sub>3</sub>        TOTAL ALKALINITY        Mg/L as CaCO<sub>3</sub> 410

CONSTITUENT	MILLIGRAMS PER LITER Mg/L.	MILLEQUIVALENTS PER LITER MEQ/L	REMARKS
CALCIUM - Ca ++	18	0.90	
MAGNESIUM - Mg ++	6	0.49	
SODIUM - Na +	2721	118.38	
BARIUM (INCL. STRONTIUM) - Ba ++	0	-	
TOTAL IRON - Fe ++ AND Fe +++	-	-	
BICARBONATE - HCO <sub>3</sub> <sup>-</sup>	500	8.20	
CARBONATE - CO <sub>3</sub> <sup>==</sup>	0	-	
SULFATE - SO <sub>4</sub> <sup>--</sup>	2408	50.09	
CHLORIDE - CL <sup>-</sup>	2180	61.48	
TOTAL DISSOLVED SOLIDS	7833	239.54	

← MILLEQUIVALENTS PER LITER →



- ( ) AREA OFFICE                      ( ) DISTRICT OFFICE  
 ( ) EXPLORATION MANAGER          ( ) DISTRICT GEOLOGIST  
 ( ) DIVISION OFFICE                ( ) SHELL DEVELOPMENT - EPR  
 ( ) DIVISION EXPL. MANAGER

ANALYST R. Cadwell  
 CHECKED C. E. Davis

WESTERN & REGION  
ROCKY MOUNTAIN DIVISION  
WATER ANALYSIS REPORTLABORATORY NUMBER 10855  
SAMPLE TAKEN \_\_\_\_\_  
SAMPLE RECEIVED 4-16-73  
RESULTS REPORTED 4-20-73

SEC 35-1 S-4W

## SAMPLE DESCRIPTION

COMPANY Shell Oil Company LEASE Miles FIELD NO. \_\_\_\_\_  
SEC. 35 TWP. 1S RGE. 4W SUR. \_\_\_\_\_  
DISTRICT \_\_\_\_\_ FIELD Altamont COUNTY Duchesne STATE Utah  
SAMPLE TAKEN FROM \_\_\_\_\_  
PRODUCING FORMATION Wasatch TOP \_\_\_\_\_  
REMARKS Treater Produced Water

SAMPLE TAKEN BY \_\_\_\_\_

## CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.004 pH 8.2 RES. 1.38 OHM METERS @ 77°FTOTAL HARDNESS Mg/L as  $\text{CaCO}_3$  48TOTAL ALKALINITY Mg/L as  $\text{CaCO}_3$  1011

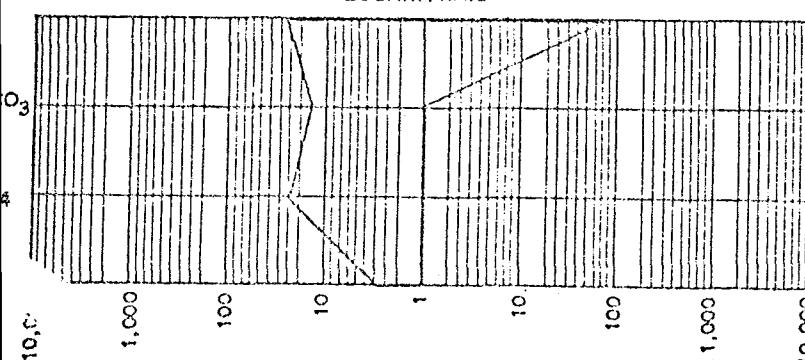
CONSTITUENT	MILLIGRAMS PER LITER Mg/L.	MILLEQUIVALENTS PER LITER MEQ/L	REMARKS
CALCIUM - $\text{Ca}^{++}$	9	0.45	
MAGNESIUM - $\text{Mg}^{++}$	6	0.49	
SODIUM - $\text{Na}^+$	1833	79.72	
** SILICA	61	2.03	Fine, white suspended solids plus trace of oil in sample as received.
* BARIUM - $\text{Ba}^{++}$	0.3	0.01	
** TOTAL IRON - $\text{Fe}^{++}$ AND $\text{Fe}^{+++}$	0.1	0.01	
BICARBONATE - $\text{HCO}_3^-$	1025	16.81	
CARBONATE - $\text{CO}_3^{--}$	120	4.00	
** SULFATE - $\text{SO}_4^{--}$	1337	27.81	
CHLORIDE - $\text{Cl}^-$	1065	30.03	
TOTAL DISSOLVED SOLIDS	4936	161.36	

\* Barium— 0.0 in filtered sample.

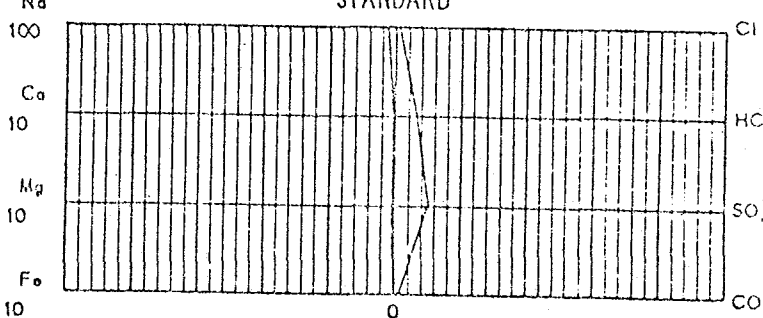
MILLEQUIVALENTS PER LITER

\*\* No significant differences between filtered and unfiltered samples.

LOGARITHMIC



STANDARD

ANALYST EH & DJDCHECKED 10Y

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1980' FEL and 1980' FNL Section 35		8. FARM OR LEASE NAME Miles
14. PERMIT NO. 43-013-30029		9. WELL NO. 1-35A4
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6396 KB, 6378 GL		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 35-T1S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16.

#### Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

As per attached report.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Division Operations Engr.

DATE 6/10/74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

PERF. TBG, CO, AND ACID WASH  
SHELL OIL COMPANY

4-24-73

LEASE	MILES	WELL NO.	ALTAMONT
DIVISION	ROCKY MTN	ELEV	1-35A4
COUNTY	DUCHESNE	STATE	6396 KB
			MONTANA

JUL 03 1973

UTAH

ALTAMONT

Miles 1-35A4  
(Perf tbg, CO and  
acid wash)

"FR" TD 12,970. PB 12,962. Producing. AFE #591557 provides funds to perf, CO w/coiled tbg unit and acid wash gross perfs. MI&RU Sun Oilfield Service WL truck on 4/16/73. Cut wax and backed well down w/diesel. Made gauge ring run to 12,800'. RD Sun. RU OWP to log and perf. Went in hole to 12,831 - could not go deeper w/logging tool. Logged tbg from 12,826-12,140 w/csg collar log. Perf'd tbg 12,570-12,580 w/1 hole/ft using 1-9/16" carrier gun. Logged perf'd interval w/csg collar log. TP incr from zero to 250 psi. RD and released OWP. Laid sfc line. MI Newsco 3/4" coil tbg unit. SITP 8 hrs after perf'g 600 psi. RU Newsco coil tbg unit, nitrogen pump truck and hot oil truck on 4/17/73. SITP 625 psi. Ran tbg to 12,826 and circ 125°F salt wtr while going in hole. Could not get below 12,826. Sptd 1 bbl acid to 12,826. Worked tbg while sptg acid around check valve. Worked through sleeve @ 12,826. Ran tbg to 12,956. Circ 80 bbls hot salt wtr w/check valve set @ 12,954. Pulled to 12,945 and pmpd 9 bbls acid, waited 10 min, pmpd 1 bbl, waited 10 min. Repeated start-stop pmpg until 24 bbls acid had been used. Flushed w/9 bbls hot salt wtr. SITP at end of trtmt 325 psi. Pulled Newsco tbg. On 4/18, SITP @ 6 AM 750 psi. Flowed well to pit 2 hrs to clean up and switched to battery. On test 4/15, prior to work, gas lifted 174 BO and 58 BW on 1" chk w/650 psi FTP and 980 psi CP from Wasatch perfs 12,341-356, 12,543-575, 12,910-942. On test 4/23/73, after work, gas lifted 186 BO and 60 BW on 1" chk w/650 psi FTP and 980 psi CP from Wasatch perfs 12,341-356, 12,543-575, 12,910-942. (Both tests 24 hrs) APR 24 1973  
FINAL REPORT.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1.</b> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b>  	
<b>2. NAME OF OPERATOR</b> Shell Oil Company		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  	
<b>3. ADDRESS OF OPERATOR</b> 1700 Broadway, Denver, Colorado 80202		<b>7. UNIT AGREEMENT NAME</b>  	
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1980' FSL and 1980' FWL Section 35		<b>8. FARM OR LEASE NAME</b> Miles	
<b>14. PERMIT NO.</b>  		<b>9. WELL NO.</b> 1-35A4	
<b>15. ELEVATIONS</b> (Show whether DF, RT, OR, etc.) 6396 KB		<b>10. FIELD AND POOL, OR WILDCAT</b> North Uinta Area	
		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Section 35-T1S-R4W	
		<b>12. COUNTY OR PARISH</b> Duchesne	<b>13. STATE</b> Utah

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
<del>REPAIR WELL</del> ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

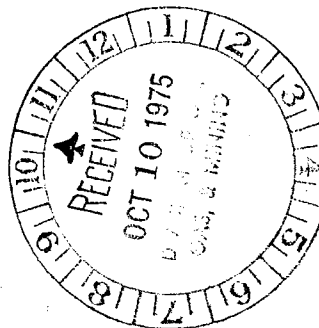
**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
<del>REPAIR WELL</del> ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attachment



**18. I hereby certify that the foregoing is true and correct**

SIGNED

*J. W. Brunell*

TITLE Div. Ops. Engr.

DATE OCT 03 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: U. S. Geological Survey w/attachment

\*See Instructions on Reverse Side



ACIDIZE

SHELL OIL COMPANY

FROM: 9/3/75

LEASE

DIVISION

COUNTY

MILES

WESTERN

DUCHESNE

WELL NO.

ELEV

STATE

NORTH UINTA AREA

1-35A4

6396 KB

UTAH

UTAH

NORTH UINTA AREA

Miles 1-35A4

(Acidize)

"FR" TD 12,970. PB 12,950. Prep to put well back on prod. On 8/26/75 MI&RU Sun to run temp/press logs on gas lift valves. Tools stuck in tbg @ 10,590 due to scale buildup. Flwd well for 36 hrs in attempt to free tool; tool did not come free. On 8/28 MI&RU BJ & AT well down tbg w/4000 gals reg 15% (double inhibited) HCl. With 2400 gals acid in tbg, tool came loose. Pmp'd 2 BW behind 2400 gals acid & SD pmp trk. Pulled WL & tools. LD tools & released Sun. Pmp'd additional 1500 gals 15% double inhibited acid & flushed w/75 bbls clean 100 deg F prod wtr. Pmp'd all acid & first 50 bbls flush @ 1 B/M rate. Max inj press 250 psi. Pmp'd last 25 bbls flush @ 5 B/M rate @ 2500 surface press. RD & released BJ. Shut well in overnight.

SEP 03 1975

FINAL REPORT

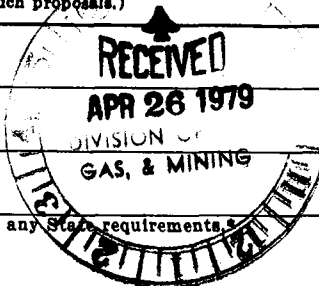
STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1.</b> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> Patented
<b>2. NAME OF OPERATOR</b> Shell Oil Company		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>
<b>3. ADDRESS OF OPERATOR</b> 1700 Broadway, Denver, Colorado 80290		<b>7. UNIT AGREEMENT NAME</b>
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FSL & 1980' FWL Section 35		<b>8. FARM OR LEASE NAME</b> Miles
		<b>9. WELL NO.</b> 1-35A4
		<b>10. FIELD AND POOL, OR WILDCAT</b> Altamont
		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> SW/4 NE/4 Section 35-T1S-R4W
<b>14. PERMIT NO.</b>	<b>15. ELEVATIONS</b> (Show whether DF, NT, OR, etc.) 6396 KB	<b>12. COUNTY OR PARISH</b> Duchesne <b>13. STATE</b> Utah



**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attachment

**18. I hereby certify that the foregoing is true and correct**

SIGNED R. Plauty

TITLE Div. Ops. Engr.

DATE 4/23/79

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

cc: USGS w/attach for info

## ACIDIZE

## ALTAMONT

SHELL OIL COMPANY

LEASE

MILES

WELL NO.

1-35A4

DIVISION

WESTERN

ELEV

6396 KB

FROM: 4/3-19/79

COUNTY

DUCHESNE

STATE

UTAH

UTAHALTAMONT

Shell-Miles 1-35A4

(Acdz)

APR 3 1979

"FR" TD 12,970. PB 12,950. AFE #482107 provides funds to acdz. BJ acdz'd as folls. Pmp'd 70 bbls prod wtr, 50 bbls acid, 50 bbls wtr, 50 bbls acid & flushed w/75 bbls prod wtr. All acid cont'd (per 1000 gals acid) 2 gals G-10, 3 gals J-22 & 3 gals C-15. Max rate & press was 8.5 B/M @ 4200 psi. ISIP 0 psi. 3/30 SITP 800 psi. Prior to job well prod 0 BO/D, 135 BW/D w/850 MCF gas inj.

Shell-Miles 1-35A4

(Acdz) APR 4 1979

TD 12,970. PB 12,950. On 24-hr test 4/1 gas lifted 18 BO, 223 BW, 549 gas prod, & 74 gas inj w/50 TP.

Shell-Miles 1-35A4

(Acdz) APR 5 1979

TD 12,970. PB 12,950. On 24-hr test 4/2 gas lifted 0 BO, 67 BW, 485 Gas Prod & 250 Gas Inj w/50 TP.

Shell-Miles 1-35A4

(Acdz) APR 6 1979

TD 12,970. PB 12,950. On 24-hr test 4/3 gas lifted 6 BO, 137 BW, 612 Gas Prod & 615 Gas Inj w/50 TP.

Shell-Miles 1-35A4

(Acdz)

APR 9 1979

Rept Date	Hrs	BO	BW	Gas Prod	Gas Inj	Press
4/4	24	465	228	812	691	150
4/5	24	328	350	1260	459	250

Shell-Miles 1-35A4

(Acdz) APR 10 1979

TD 12,970. PB 12,950. Gauge not available.

Shell-Miles 1-35A4

(Acdz)

TD 12,970. PB 12,950. Gauge not available.

APR 11 1979

Shell-Miles 1-35A4  
(Acdz) APR 12 1979

TD 12,970. PB 12,950. Gauge not available.

Shell-Miles 1-35A4  
(Acdz)

APR 16 1979

TD 12,970. PB 12,950. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>Gas Prod</u>	<u>Gas Inj</u>	<u>Press</u>
4/6	24	61	135	550	729	50
4/7	24	41	208	550	1036	850
4/8	24	21	205	984	839	50
4/9	24	64	284	1200	1026	50
4/10	24	20	122	640	576	50

Shell-Miles 1-35A4  
(Acdz)

APR 17 1979

TD 12,970. PB 12,950. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>Gas Prod</u>	<u>Gas Inj</u>	<u>Press</u>
4/11	24	30	131	621	671	50
4/12	24	70	142	621	807	50
4/13	24	0	127	584	636	50
4/14	24	9	143	585	633	50

Shell-Miles 1-35A4  
(Acdz) APR 18 1979

TD 12,970. PB 12,950. On 24-hr test 4/15 gas lifted  
40 BO, 148 BW, 685 Gas Prod & 644 Gas Inj w/50 psi TP.

Shell-Miles 1-35A4  
(Acdz) APR 19 1979

TD 12,970. PB 12,950. On test prior to AT well prod  
0 BO/D, 135 BW/D w/900 MCF/D gas inj. On test after  
work well prod 37 BO/D, 205 BW/D w/869 MCF/D gas inj.  
FINAL REPORT

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(Obtain instructions on  
reverse side)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO.
1. <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Shell Oil Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Texas 77001		8. FARM OR LEASE NAME Miles
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FSL & 1980' FWL		9. WELL NO. 1-35A4
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6396' KB		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35-T1S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PULL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☒

ABANDON\*

☐

REPAIR WELL

☐

CHANGE PLANS

☐

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☒

ABANDONMENT\*

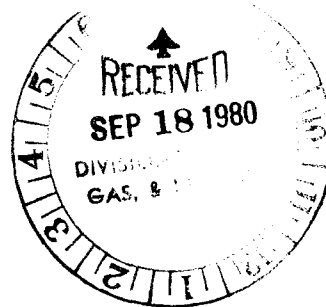
☐

(Other)

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached.



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Division Production Engineer DATE 9/15/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

REMEDIAL PROGNOSIS  
MILES 1-35A4  
SECTION 35, T1S, R4W  
ALTAMONT FIELD, UTAH

Pertinent Data:

Elevation (KB): 6396'  
Elevation (GL): 6378'  
TD: 12,970'  
PBSD: 12,950'  
Casing: 7", 26 & 29# N-80 to 11,460'.  
Liner: 5", 18#, P-110. Hanger at 11,299'. Shoe at 12,962'.  
Tie Back String: 5", 18#, N-80 & P-110 surface to hanger at 11,299'.  
Landed in hanger with lead seal, did not cement 5" x 7" annulus.  
Tubing: 2-7/8", EUE, N-80 to cross over at 12,159'.  
2-7/8", EUE & Seal Lock from 12,162' to 12,880'.  
2-3/8", Seal Lock, N-80 from 12,880' to 12,907'.  
Packers: 5" Baker Model "R" (w/hydraulic holddowns) at 12,148'.  
5" Baker Model "R" at 12,164'.  
5" Baker Model "D" (w/locator seal assembly) at 12,880'.  
Other Equipment: 3-1/2" OD x 6' cross over at 12,159'.  
Baker Model "L" Sliding Sleeve at 12,826'.  
Baker Model "F" Seating Nipple at 12,859'.  
Artificial Lift: 12 Camco J-40 gas lift valves in non-retrievable Camco Type B mandrels.  
Existing Perforations: 12,341' - 12,356' (60 holes)  
12,543' - 12,575' (128 holes)  
12,910' - 12,942' (128 holes)  
(316 holes total)  
Shell's Share: 94.53%  
AFE No.:  
Amount: \$150,000

Current Status:

Average production is currently 23 BOPD + 148 BWPD + 92 MCF/D gas (gas lifting). The water cut is 87% and the GOR is 3979. Cumulative production through April, 1979, was 1,196,808 BO + 720,140 BW + 984 MMCF gas. Cumulative water cut was 38%, cumulative GOR was 823.

Previous Operations:

4/70 - Initial Completion - Well flowed after cementing 5" liner. Squeezed 5" x 7" liner lap and tested to 725 psi - tested OK. Perforated 12,910' - 12,942' with 4 JSPF (128 holes) with casing gun. Set 5" Baker Model D packer at 12,880' (noted tight spot at 11,735').

Perforated 12,543' - 12,575' with 4 JSPF (128 holes) with casing gun. Perforated 12,341' - 12,356' with 4 JSPF (60 holes) with casing gun. Perforated total of 316 holes (188 above Model D packer and 128 below packer).

Ran 5" tie back string, left 14.4 ppg (.75 psi/ft) mud in 5" x 7" annulus.

Equipped for production with 5" Baker Model R packer at 12,164', 2-7/8" tubing from 12,164' to "D" packer at 12,880' with a Baker Model L sliding sleeve at 12,826' and a Model F seating nipple (1.780" ID) at 12,859'. Used a locator seal assembly in the "D" packer with 2-3/8" Seal Lock tubing below packer to 12,909'.

Opened well to production - Final Reported 5-10-70 with a flowing rate of 1050 BOPD + 0 BWPD + 550 MCF/D gas on a 1" choke with 115 psi FTP. Well was not acid treated.

- 4/71 - Cumulative production was 360,000 BO. Production had declined to 665 BOPD. Cut off 2-3/8" tubing below "D" packer to 12,907' with no production increase resulting. Then perforated 2-7/8" tubing between packers at 12,340' - 12,352' with 24 3 gram charges (2HPF). Production increased to 1135 BOPD.
- 2/73 - Operation to install gas lift. Cumulative production was 695,000 BO. Ran inflow survey, found no inflow from perfs at 12,910' - 12,942'. Also ran free point, and found tubing stuck above perfs at 12,543' - 12,575'. Attempted to pull Baker "R" packer at 12,164', could not. Ran a shooting cutter and shot tubing at 12,382', packer would not come free. Ran a 240 gram string shot, shot at 12,382'. Packer still would not come free.
- Cut off 2-7/8" tubing 2-1/2' above Model R packer. Ran gas lift equipment with a 5" Baker Model "R" double grip packer at 12,148' and a 3-1/2" x 6' crossover (over the tubing stub) at 12,159'.
- 4/73 - Perforated 2-7/8" tubing 12,570' - 12,580'. Acid washed with coil tubing using 1000 gallons 15% HCl followed by acid treating with 5000 gallons 15% HCl. Production increased from 150 BOPD to 300 BOPD.
- 9/75 - Sun temperature/pressure bombs stuck in tubing at 10,590' due to scale. AT with 4000 gallons 15% HCl at 250 psi and 1 BPM. Retrieved tools but saw no significant increase in production.

4/79 - Acid treated with 4200 gallons of 15% HCl with maximum pressure and rate of 4200 psi and 8-1/2 BPM. Production not improved.

Proposed Operation:

Recover all tubing and packers. Clean out 5" liner to PBTD of 12,950'. Perforate 11,440' - 12,945' (555 holes) with casing gun. Acid treat perforations 11,440' - 12,945' (871 holes total). Flow well until it dies, then run gas lift equipment. Put well on production.

Procedure:

1. MIRU completion rig. Load hole with produced water. Install BOPE.
2. RIH with chemical cutter and cut off tubing between gas lift mandrel at 12,102' and Baker R packer at 12,148'. Pull tubing and gas lift mandrels. Proceed with operation to recover both Baker R packers and tubing to 12,907'. Mill out Baker "D" packer at 12,880'. Clean out 5" liner to PBTD at 12,950'. Circulate in 30 bbls of clean produced water.
3. Perforate three holes per foot at each of the depths shown on Attachment I, 11,440' - 12,945' (555 holes) Depth reference is the Schlumberger CBL/GR dated 4-10-70.

Note: a. Perforate from bottom up. Use 3-1/8" casing gun with 14 gram charges. Shoot 3 JSPF at each depth with perforations oriented 120° to each other.

b. Record pressure changes during and after perforating.

4. Set 5" Baker Model FA packer at 11,400'. Run tubing and latch into packer. If well will flow, flow for one day to clean up before acid treating. If well will flow strongly, rig down and continue to flow.
5. Acid treat the 871 perforations (555 new, 316 old) from 11,440' - 12,945' with 50,000 gallons (1190 bbls) of 7-1/2% HCl as follows:
  - a. Pump 6000 gallons of acid with 130 ball sealers (7/8" RCN with S.G. 1.2) distributed evenly in the acid.
  - b. Pump 1000 gallons acid with 1000# benzoic acid flakes distributed evenly in the acid.
  - c. Repeat Steps (a) and (b) five more times for a total of 42,000 gallons acid with ball sealers and benzoic acid flakes.
  - d. Pump 8000 gallons acid.



- e. Flush with 100 bbl produced water.
- f. Record instantaneous shut down pressure and decline.

Note: 1. All acid and flush to contain sufficient friction reducing agent for  $\pm$  50% friction reduction.

2. All acid to contain 1# 20-40 mesh RA sand per 1000 gallons acid and sufficient inhibitor for 4 hours exposure at 210°F. Service company to run fluid compatibility tests to determine if demulsifier is required.

3. Heat all fluids to 100°F.

4. Hold 3500 psi on annulus during treatment.

5. Pumping rates - pump at maximum possible required to reach 9000 psi WHP. (Do not exceed 9000 psi.)

6. Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.

6. Run GR log from 12,950' to 11,200'.

7. Open well to flow at maximum rate. If well will not flow, proceed to Step 8.

8. Produce well until it ceases to flow. Then pull tubing. Run tubing with gas lift mandrels and valves as shown on Attachment II.

9. Put well on production.

*DM*  
DAL:maf

---

G. L. Thompson

ATTACHMENT I

MILES 1-35A4

Proposed Perforation Depths: Depth Reference Schlumberger CBL/GR dated 4-10-70.

11440	11698	12016	12348	12648
11444	11705	12022	12352	12656
11446	11711	12032	12369	12662
11455	11720	12041	12382	12671
11465	11728	12051	12388	12683
11471	11738	12059	12394	12685
11477	11755	12074	12401	12694
11482	11760	12077	12407	12699
11493	11770	12080	12416	12707
11504	11785	12112	12424	12712
11509	11796	12125	12445	12719
11520	11801	12130	12460	12725
11525	11810	12136	12467	12735
11532	11824	12145	12473	12757
11536	11843	12153	12480	12772
11541	11858	12160	12489	12794
11553	11870	12165	12500	12795
11555	11875	12175	12524	12805
11566	11880	12177	12526	12822
11568	11886	12182	12546	12831
11572	11890	12189	12550	12836
11576	11900	12193	12553	12842
11582	11907	12206	12554	12855
11587	11918	12212	12560	12861
11593	11923	12221	12567	12863
11603	11929	12232	12569	12873
11615	11934	12249	12572	12883
11622	11940	12264	12576	12893
11631	11948	12279	12582	12905
11636	11953	12286	12587	12917
11641	11958	12296	12592	12928
11645	11967	12315	12600	12931
11656	11978	12323	12608	12934
11661	11982	12327	12612	12936
11665	11995	12333	12630	12939
11668	12002	12342	12637	12942
11690	12009	12344	12642	12945

Total 555 holes (185 perforation depths at 3 JSPF).

WELL 1-35A4

RIG 17

10/23/79

AFE NO. #579777

AUTH. AMT. \$150,000

DAILY COST \$2650

CUM. COST \$2650

TUESDAY 10-23-79 - STATUS FINISHING RIGGING UP!  
PUMP 500 BBLs. HOT PRODUCED WATER DOWN ANNULUS AND  
BLEED OFF TBG. WELL DEAD! INSTALLING 6 IN. B.O.P.  
AND PREPARE TO ATTEMPT TO UNSEAT BAKER 7 IN.  
MODEL R PACKER AT 12,148'.

MONDAY 10-22-79 - STATUS - MOVING FROM BROADHEAD 1-32B5  
TO MILES 1-35A4. AFE NO. #579777 PROVIDES FUNDS TO  
RECOVER ALL TBG. + PACKERS, CLEAN OUT 5 IN. LINER TO  
P.B.T.D. OF 12,950'. PERFORATE 11,440' TO 12,945'  
(555 HOLES) WITH CSG. GUN. FLOW WELL UNTIL IT DIES,  
THEN ACID TREAT WITH 50,000 GALLONS (1190 BBLs.) 7 1/2%  
HCL ACID, THEN RUN GAS LIFT EQUIP. + PLACE WELL ON PRODUCTION.

WELL 1-35A4

RIG 17

10/25/79

AFE NO. #579777

AUTH. AMT. \$150,000

DAILY COST \$2773

CUM. COST \$5423

10-24-79 - STATUS - MAKING UP AND RUNNING 3 7/8 IN.  
BOWAN OVERSHOT WITH CLUSTERED MILL CONTROL WITH  
4 2 7/8 IN. O.D. GRAPPLE + 3 1/2 IN. O.D. BOWAN  
BUMPER SUB + 3 1/8 IN. O.D. JOHNSON HYD. JARS +  
2 7/8 IN. AFCC NO-LOCK TBG.

10-23-79 - FINISH RIGGING UP. UNSEAT 5 IN.  
BAKER MODEL R PACKER. WITH 100,000 LBS. PULL.  
25,000 LBS. OVER STRING AT. PACKER DRAGGED  
5 TO 10,000 LBS. 1ST. 10 STANDS OUT OF HOLE.  
P.O.D.F. [REDACTED]  
WITH 3 1/2 IN. X 6' CROSSOVER ON BOTTOM.  
ALL INTACT. PACKER HAD A 1 1/2 IN. X 16'  
SLICKER BAR (SLICK LINE TOOL) + SLIP DOGS +  
PIECES OF WIPE + SCALE + PARAFFIN (INSIDE).  
IT IS HARD TO BELIEVE  
THIS WELL COULD HAVE BEEN PRODUCING! S.D. 7 P.M.

AFE NO. #579777

10/25/79

AUTH. AMT. \$150,000

DAILY COST \$3490

CUM. COST \$8913

10-25-79 - STATUS - POOH TO RERUN BOWAN OVERSHOT  
WITHOUT BUMPER SUB + JARS TO RUN FREEPOINT +  
STRINGSHOT.

10-24-79 - FIN SH RUNNING OVERSHOT, BUMPER SUB +  
HYD. JARS. ENGAGE FISH 2 7/8 IN. O.D. X 2 1/2' LONG  
ON TOP OF BAKER MODEL 'R' PACKER AT 12,159'.  
JAR WITH 35,000 LB. LICK + BUMP DOWN FOR 1 1/2 HRS.

ALSO ATTEMPT TO ROTATE TBG. TO RIGHT TO TORQUE OUT  
OF POWER SWIVEL. NO MOVEMENT OF TBG. UP OR DOWN  
OR TURNING TO RIGHT. STUCK, STUCK BAD! BAD!  
RELEASE OVERSHOT + POOH. LACKED 45 STANDS GETTING  
OUT OF HOLE. S.D. 7P.M.

1-35A4  
RIG 17

AFF# 579777 AUTH. AMT. \$150,000  
DAILY C. \$2950 CUM.C: \$11,863  
10/26/79

FRI. 10-26-79 STATUS RE-RIGGING MCCULLOUGH TOOL  
CO. TO! RE-RUN FREE POINT AND STRING SHOT

THURS. 10-25-79 FINISH POOH. LAY DOWN JOHNSTON JARS &  
BOWAN BUMPER SUB!.(SMALL I.D. S) PICK UP 3 7/8 IN.  
BOWAN OVERSHOT(FULL OPENING( W/2 7/8 IN. I.D. GRAPPLE.  
RAN BACK IN HOLE & ENGAGE FISH AT 12,159 FT. SE!  
GRAPPLE W/PULL OF 35,000 LBS. OVER STRING HT. RIG  
UP DELSCO SLICK LINE. RAN 1.995 CHIESEL W/OIL JARS  
THOUGH PKR. AT 12,159 & TO BAKER MODEL L SLIDING  
SLEEVE AT 12,810 FT. RIG DOWN DELSCO. RIG UP MC CULLOUGH TOOL  
CO. & RAN 1 7/16 IN. O.D. FREE POINT W/200 GRAM  
STRING SHOT ON BOTTOM OF FREE POINT TOOL  
FREE POINT INDICATOR INDICATED TBG. FREE TO

12,700 FT. TOOL SHORTED OUT. DID

NOT ATTEMPT TO BACK OFF. POOH TO FIND SHORT.  
WILL RE-RUN FIRST THING IN MORNING. S.D. 7PM.

1-35A4  
RIG 17

AFF# 579777 10/27-29/79 AUTH. AMT. \$150,000  
DAILY C. \$2950 CUM.C: \$11,863

FRI. 10-26-79 STATUS RE-RIGGING MCCULLOUGH TOOL  
CO. TO! RE-RUN FREE POINT AND STRING SHOT

THURS. 10-25-79 FINISH POOH. LAY DOWN JOHNSTON JARS &  
BOWAN BUMPER SUB!.(SMALL I.D. S) PICK UP 3 7/8 IN.  
BOWAN OVERSHOT(FULL OPENING( W/2 7/8 IN. I.D. GRAPPLE.  
RAN BACK IN HOLE & ENGAGE FISH AT 12,159 FT. SE!  
GRAPPLE W/PULL OF 35,000 LBS. OVER STRING HT. RIG  
UP DELSCO SLICK LINE. RAN 1.995 CHIESEL W/OIL JARS  
THOUGH PKR. AT 12,159 & TO BAKER MODEL L SLIDING  
SLEEVE AT 12,810 FT. RIG DOWN DELSCO. RIG UP MC CULLOUGH TOOL  
CO. & RAN 1 7/16 IN. O.D. FREE POINT W/200 GRAM  
STRING SHOT ON BOTTOM OF FREE POINT TOOL  
FREE POINT INDICATOR INDICATED TBG. FREE TO

12,700 FT. TOOL SHORTED OUT. DID

NOT ATTEMPT TO BACK OFF. POOH TO FIND SHORT.  
WILL RE-RUN FIRST THING IN MORNING. S.D. 7PM.

1-35A4

RIG 17

10/30/79

AFE# 579777  
DAILY C \$2979

AUTH AMT \$150,000  
CUM C \$14,842

SAT 10-27-79 STATUS RE-RIGGING MC CULLOUGH  
TOOL CO. TO RE-RUN 1.875 O.D. CHEMICAL CUTTER.

FRI 10-26-79 RE-RIG MC CULLOUGH TOOL CO. &  
RE-RAN FREE POINT INDICATOR (ALONE) 1 7/16 IN. O.D.  
FREE POINT INDICATOR INDICATES TBG. FREE TO  
12,797 FT. SECOND JT. ABOVE MODEL D PKR. AT  
12,859 FT.. (BOTH TORQUE & STRETCH MOVEMENTS)  
RAN MC CULLOUGH 1.990 IN. O.D. CHEMICAL CUTTER.  
COULD NOT GET THROUGH BAKER MODEL R PKR AT 11,139 FT.  
W/O.D. THROUGH PKR. OF 1.995 IN. POOH.  
TOOK MECHANICAL CUTTER TO MACHINE SHOP  
ROOSEVELT & HAD CUTTER TURNED DOWN TO 1.875 IN.  
O.D. RE-RAN IN HOLE & GOT THROUGH BAKER  
MODEL R PKR. AT 11,139 FT. ATTEMPT. TO CUT OFF  
2 7/8 IN. O.D. TBG. AT 11,786 FT. (8 FT. BELOW A TBG.  
COLLARI & 73 FT. ABOVE BAKER MODEL D PKR. AT 11,859 FT)  
POOH. CHEMICAL CUTTER MISFIRED ! SHIT CAME  
OUT GUN CHAMBER 2 FT. ABOVE CHEMICAL CUTTER.  
NO CUT! RIG DOWN MC CULLOUGH, PACK OFF &  
LUBRICATOR. S.D. 7 PM

WELL 1-35A4

RIG 17

AFE NO. #579777  
DAILY COST \$2600

10/30/79

AUTH. AMT. \$150,000  
CUM. COST \$17,442

10-29-79 - RUN COLLAR BUSTER, MCCULLOUGH.

10-27-79 - RE-RIG MCCULLOUGH. PK. OFF HEAD +  
LUBRICATOR. RERAN MCCULLOUGH CHEMICAL CUTTER  
SET OFF CHEMICAL ! POOH WITH MCCULLOUGH. CUTTER  
DID NOT CUT TBG. HAD TO SIZE CUTTER DOWN TO GET  
THROUGH PACKER CUTTER TO SMALL. PROBABLE REASON  
FOR IT NOT CUTTING TBG. RIG WITH MCCULLOUGH &  
200 GUN STRINGSHOT TO 12,773'. CHARGE DID NOT  
FIRE. POOH. FOUND SHORT IN T/O, REPAIRED  
SAME. RIG WITH MCCULLOUGH & 200 GUN STRING  
TO 12,773 COLLAR @ THIS POINT. SET  
OFF CHARGE. DID NOT BUST COLLAR. POOH  
WITH MCCULLOUGH. S.D.R.O.

WELL 1-35A4  
RIG 17

AFE NO. #579777 10/31/79 AUTH. AMT. \$150,000  
DAILY COST \$3650 CUM. COST \$21,092

10-30-79 - RUNNING 4 1/8 IN. SKIRTED FLAT BOTTOM MILL  
TO TRIM OFF TBG. AT 12,300 + OR.

10-29-79 - RE-RIG MCCULLOUGH TOOL CO. SHOT OWP'S  
250 GRAM COLLAR BUSTER IN 1ST. COLLAR BELOW BAKER  
MODEL 1R1 PACKER AT 12,300 WITH 40,000 LBS. TENSION  
WHEN SHOT. TBG. AND PACKER DID NOT COME FREE!  
RE-RAN MCCULLOUGH TOOL CO. CHEMICAL CUTTER.  
TURNED DOWN TO 1.875 IN. O.D. T! GET THROUGH  
PACKER. SHOT TBG. IN 1ST. JT. BELOW PACKER AT  
12,180'. TBG. DID NOT COME FREE! RIG DOWN  
MCCULLOUGH TOOL CO. APPLY 2 ROUNDS RIGHT  
HAND TORQUE TO TBG. WITH POWER SWIVEL.  
TBG. CAME FREE. POOH. [REDACTED]  
[REDACTED] (30.50' LONG). FLARED OUT ON BOTTOM FROM  
COLLAR BUSTER SHOT.  
INPUT

WELL 1-35A4  
RIG 17

AFE NO. #579777 10/31/79 AUTH. AMT. \$150,000  
DAILY COST \$12,519 CUM. COST \$33,607

10-31-79 - RUNNING 3 7/8 IN. O.D. BOWAN OVERSHOT  
WITH 2 7/8 IN. I.D. GRAPPLE.

10-30-79 - FINISH RUNNING 4 1/8 IN. SKIRTED (1 1/2')  
FLAT BOTTOM MILL. TAG FISH AT 12,300'. MILL OVER  
TBG. + COLLAR 4' WITH REVERSE CIRCULATION.  
CIRCULATE - HOLE CLEAN! PICK UP 3 7/8 IN.  
O.D. BOWAN OVERSHOT WITH 2 7/8 IN. I.D.  
GRAPPLE. RAN 50 STDS. TBG. BACK IN HOLE.  
S.D. 7 P.M.

WELL 1-35A4  
RIG 17

11/1/79

11-1-79 - FINISHING RUNNING IN HOLE WITH 4 1/8 IN. O.D.  
CONCAVE TYPE FLAT BOTTOM MILL.

10-31-79 - FINISH RUNNING 3 7/8 IN. O.D. BOWAN OVERSHOT  
WITH 2 7/8 IN. I.D. GRAPPLE TAG TOP OFF FISH AT  
12,300'. ATTEMPT TO ROTATE DOWN OVER TOP OF FISH.  
COULD NOT LATCH ON TO FISH! POOH. BOTTOM OF  
OVERSHOT INDICATES TBG. STILL FLARED OUT OR PART OF  
3 1/8 IN. O.D. NULOCK COLLAR. S.D. 7 P.M.

\*\*\* AFE NO. #579777 AUTH. AMT. \$150,000  
\*\*\* DAILY COST \$4094 CUM. COST \$37,701

WELL 1-35A4

RIG 17

AFE NO. #579777  
DAILY COST \$2950

11/2/79

AUTH. AMT. \$150,000

CUM. COST \$40,651

11-2-79 - RUNNING 3 7/8 IN. O.D. BOWAN OVERSHOT WITH  
BOTTOM LIP GUIDE (KICKER) WITH 2 7/8 IN. I.D. GRAPPLE.

11-1-79 - FINISH RUNNING 4 1/8 IN. O.D. CONCAVE FLAT  
BOTTOM MILL, TAG FISH (TBG.) AT 12,300'. MILL OVER  
TBG. 2' (2 HOURS) TO 12,302'. MILL RUNNING SMOOTH  
AT END OF MILLING. POOH. MILL INDICATES MILLING  
OVER 2 7/8 IN. TBG. BY MARK IN CIRCLE IN BOTTOM  
OF MILL. PICK UP 3 7/8 IN. O.D. BOWAN OVERSHOT  
WITH 2 7/8 IN. I.D. GRAPPLE. RAN 50 STANDS TBG.  
BACK IN HOLE. S.D. 7 P.M.  
ALTAMONT UNIT

WELL 1-35A4

RIG 17

AFE # 579777

11/3-5/79

AUTH. AMT. \$150,000

DAILY COST \$ 12,224

CUM. COST \$52,875

11-3-79 STATUS RUNNING 4 1/8 IN. O.D. CONCAVE TYPE FLAT  
BOTTOM MILL TO TRIM OFF TBG. AT 12,786' BEFORE WASHING OVER

11-2-79 FINISH RUNNING OVERSHOT IN HOLE. TAG FISH TBG.  
AT 12,202' (HAVE BEEN SHOWING FISH TOP AT 12,300 WHICH HAS  
BEEN 100' TO DEEP) LATCH ONTO TBG. AT 12,202' W/OVERSHOT  
(DRIVE OVERSHOT OVER FISH) PICK UP 3000 LBS. EXTRA WT. OVER  
STRING WT. P.O.O.H.

FISH (579') BOTTOM OF TBG. CHEMICALLY CUT PREVIOUSLY AT 12,786'  
LACK 73' OR 2 1/2 JTS. TBG. TO RECOVER + BAKER MODEL D PKR.  
+ SEAL ASSEMBLY AT 12,859'. RELINE RIG BRAKE BLOCKS. S.D. 7 P.M.

WELL 1-35A4

RIG 17

AFE #579777

DAILY COST \$2950

11/3-5/79

AUTH AMT. \$150,000

CUM. COST \$55,825

11-5-79 STATUS FINISH POOH W/4 1/8 IN. O.D. FLAT BOTTOM MILL

11-4-79 SHUTDOWN

11-3-79 FINISH RELINING RIG BRAKE BLOCKS. FINISH RUNNING 4 1/8 IN.  
CONCAVE TYPE FLAT BOTTOM MILL. TAG TBG. FISH AT 12,786'.  
MILL OFF TOP OF TBG. (1) 12,786 TO 12,787 (1 HR.) POOH 150  
STDS. TBG. S.D. 7 P.M.

WELL 1-3544

RIG 17

11/6/79

11-6-79 - SPOTTING BENZOIC ACID FLAKES TO ESTABLISH  
AND MAINTAIN CIRCULATION WHILE MILLING OVER TBG.

11-5-79 - FINISH P.O.W. LAY DOWN 4 1/2 IN. MILL.  
PICK UP 4 1/8 IN. O.D. X 3 1/8 IN. I.D. MILL +  
3 JTS. 4 IN. O.D. X 3 3/8 IN. I.D. WASH PIPE (90')  
= CHANGE OVER SUB BACK TO 2 7/8 IN. TBG. + 2 7/8 IN.  
O.D. JOHNSTON JARS + 3 1/8 IN. O.D. BOWAN BUMPER SUB.  
RAN BACK IN HOLE. TAG TOP OF TBG. AT 12,787'.  
SLIDE MILL + WASH PIPE OVER CUT-OFF TBG. 16' TO  
1ST. COLLAR AT 12,803'. MILL OVER COLLAR + 5'  
TRBELOW COLLAR TO 12,808'. PUMPED 1500 SBL  
IN REVERSE WHILE MILLING. CIRCULATION ALMOST NIL.  
MILL + WASH PIPE BECAME STUCK BECAUSE OF LACK OF  
CIRCULATION. JAR WITH HYDRAULIC JARS + BUMPER SUB.  
SCALE AROUND TBG. + INSIDE WASH PIPE + LACK OF  
CIRCULATION CAUSE FOR GETTING STUCK.

\*\*\*\*\*

\*AFE NO. #579777

AUTH. AMT. \$150,000

DAILY COST \$3063

CUM. COST \$58,908

\*\*\*\*\*

WELL 1-3544

RIG 17

AFE NO. #579777

AUTH. AMT. \$150,000

DAILY COST \$3896

CUM. COST \$62,804

11/8/79

11-7-79 - FINISHING RUNNING 4 1/8 IN. O.D. MILL + WASH  
PIPE. (TALLYING TBG. IN HOLE)

11-6-79 - RIG UP BY SERVICES, MIX 2000 LBS. BENZOIC  
ACID FLAKES IN 50 BBLs. PRODUCED WATER, SPOT 50 BBL.  
SLUG ON BOTTOM ACROSS PERFORATION AND ESTABLISH CIRC.  
MILL ON SCALE 12,787' TO 12,788' (1' 3HRS)  
RAN OUT OF WATER. 1 MILL HANGING + DRAGGING. P.O.O.H.  
4 1/8 IN. MILL X 3 1/8 IN. I.D. COMPLETELY WORKIN  
OUT ON INSIDE TO 3 3/4 IN. I.D. MAKE UP NEW  
4 1/8 IN. O.D. X 3 1/8 IN. I.D. MILL WITH MORE  
CLUSTERITE INSIDE, START IN HOLE (TALLYING TBG.  
IN HOLE)  
WITH BOWAN BUMPER SUB 3 JTS. WASH PIPE

(4 IN. O.D. X 3 3/8 IN. I.D. 90') + JOHNSTON  
HYDRAULIC JARS. RAN 75 STDS. TBG. BACK IN HOLE.  
S.D. 7 P.M.



WELL 1-35A4

RIG 17

AFE NO. #579777  
DAILY COST \$5738

11/8/79

AUTH. AMT. \$150,000  
CUM. COST \$68,542

11-8-79 - P.O.O.H. WITH 4 1/8 IN. O.D. MILL AND WASH PIPE.

11-7-79 - FINISH RUNNING IN HOLE WITH 4 1/8 IN. O.D. MILL  
3 JTS. WASH PIPE, HYD. JARS + BUMPER SUB. TAG TOP OF FISH  
AT 12,788'. SLIDE MILL + WASH PIPE OVER FISH TO 12,808'.  
RIG UP BJ. SPOT 2000 LBS. BENZOIC ACID FLAKES MIXED IN  
50 BBLs. PRODUCED WATER TO ESTABLISH CIRC. MILL OVER  
BAKER MODEL 'L' SLIDING SLEEVE AT 12,826'. LOST  
COMPLETE CIRCULATION. MIX ANOTHER 2000 LBS. BENZOIC  
ACID FLAKES. CONTINUE MILLING 12,826' TO 12,840'.  
TOTAL MILLED OVER = 32'. MILL WORN OUT? START OUT  
OF HOLE. PULLED 100 STANDS TBG. S.D. 7 P.M.

WELL 1-35A4

RIG 17

AFE #579777  
DAILY COST \$3900

11/10-12/79

AUTH. AMT. \$150,000  
CUM. COST \$93,933

11-12-79 STATUS RUNNING 4 1/8 IN O.D. CONCAVE TYPE FLAT BOTTOM  
MILL TO MILL UPSET OFF OF TBG. FISH.

11-11-79 SHUT DOWN

11-10-79 FINISH P.O.O.H. MILL WAS 75% WORN OUT. LAY DOWN WASH  
PIPE. PICK UP 3 7/8 IN BOWEN OVERSHOT W/3 1/16 IN. GRAPPLE  
FOR 2 7/8 IN 3 1/16 IN O.D. PIN LOCKING UP. ALSO PICKED UP  
4-3 1/8 IN O.D. D.C.'S BUMPER SUB + HYDRAULIC JARS. RAN IN  
HOLE. ENGAGE FISH AT 12,860'. PULLED 20,000 LBS. TENSION.  
SET JARS OFF. APPEARED TO HAVE TBG. FISH. SET DOWN COULD  
GET NO TORQUE OR DRAG. P.O.O.H. GRAPPLE HAD STRIPPED OFF  
TBG FISH. S.D. 7 P.M.

WELL 1-35A4

RIG 17

AFE #579777  
DAILY COST \$3510

11/13/79

AUTH. AMT. \$150,000  
CUM. COST \$96,443

11-13-79 STATUS RUNNING IN HOLE W/3 7/8 IN. O.D. BOWEN OVERSHOT  
W/2 7/8 IN. GRAPPLE.

11-12-79 FINISH RUNNING 4 1/8 IN. O.D. CONCAVE TYPE FLAT  
BOTTOM MILL. TAG TOP OF TBG. FISH AT 12,850' MILL OFF TBG. TO  
12,852' (2' 3 LBS.) CIRCULATE HOLE CLEAN. P.O.O.H. MILL WALKED  
AS MILLING OVER 2 7/8 IN. TBG. W/2 7/8 IN. CIRCULAR GROOVE  
ON BOTTOM OF MILL. LAY DOWN MILL & PICK UP 3 7/8 IN. O.D.  
BOWEN OVERSHOT W/2 7/8 IN GRAPPLE + BUMPER SUB. HYDRAULIC JARS  
+ 4 - 3 1/8 IN O.D. D.C.'S. RAN 50 STANDS TBG IN HOLE. S.D. 7 P.M.

WELL 1-35A4

RIG

RIG 17

11/14/79

FE NO. #579777  
DAILY COST \$3406

AUTH. AMT. \$150,000  
CUM. COST \$99,849

1-14-79 - FINISH RUNNING 3 7/8 O.D. BOWAN OVERSHOT WITH 7/8 GRAPPLE. NO JARS, BUMPER SUB, OR D.C.'S. THEN TO UN JET CUTTER AND CUT OFF TBG. BELOW BAKER TYPE F SEATING NIPPLE!

1-13-79 - FINISH RUNNING IN HOLE WITH 3 7/8 O.D. BOWAN OVERSHOT WITH 2 7/8 GRAPPLE, BUMPER JARS, HYD. JARS AND - D.C.'S. ENGAGE TBG. FISH AT 12,852 FT. JAR ON TBG. ISH 35,000 LBS. OVER TBG. STRING WT. FOR 1 HOUR. RIG P POWER SWIVEL. ATTEMPT RIGHT HAND TORQUE AND SET OFF JARS SEVERAL TIMES. UNABLE TO JAR FISH LOOSE. RELEASE OVERSHOT AND P.O.O.H. GRAPPLE CATCH DULLED! PICK UP 3 7/8 O.D. BOWAN OVERSHOT WITH NEW 2 7/8 GRAPPLE. (FULL OPENING) AND RAN 150 STDS. TBG. IN HOLE. .D. 7 P.M.

WELL 1-35A4

RIG 17

11/16/79

FE NO. #579777  
DAILY COST \$2950

AUTH. AMT. \$150,000  
CUM. COST \$102,799

11-15-79 - RUNNING 4 1/8 O.D. MILL X 3 1/4 I.D. X 3 FT. LONG AND 3 JTS. 4 O.D. WASH PIPE X 3 3/8 I.D. (85 FT. 22 PLUS 3 1/8 O.D. X 5 FT. BOWAN BUMPER SUB PLUS 3 1/8 O.D. X 6 FT. JOHNSTON HYD. JARS.

11-14-79 - FINISH RUNNING BOWAN 3 7/8 O.D. OVERSHOT WITH 2 7/8 GRAPPLE. ENGAGE TBG. FISH AT 12,852 FT. RIG UP DELSCO WIRE LINE SERVICE. RAN 1 3/4 O.D. (TAPERED TOP AND BOTTOM) SWEDGING TOOL. TAG TOP OF TBG. AT 12,802 FT. WIRE LINE MEASUREMENTS (TOP OF MILLED OFF TBG. PLUS WHERE OVERSHOT ENGAGED) SWEDGE THROUGH TOP OF TBG. O.K. RAN SWEDGE TO 12,828 FT. (SCALE) P.O.O.H. RAN 1 11/16 O.D. CHISEL. SPUD PLUS CHISEL SCALE 12,825 FT. TO 12,828 FT. COULD MAKE NO MORE HOLE! P.O.O.H. CHISEL TEETH FLATTENED OUT ON BOTTOM PLUS SWELLED SLIGHTLY OUTWARD. P.O.O.H. RAN 1 3/4 O.D. LEAD IMPRESSION BLOCK. P.O.O.H. MARKS ON IMPRESSION BLOCK INDICATE PIECES OF JUNK IRON SETTING IN TOP OF S.H. RAN 1 1/2 TOOLS WITH 1/2 O.D. X 1 FT. LONG ROD ON BOTTOM OF TOOLS TO ATTEMPT TO KNOCK OUT PLUS STIR UP. COULD NOT GET THROUGH JUNK IN TOP OF SEATING NIPPLE! P.O.O.H. RIG DOWN DELSCO WIRE LINE TOOLS. UNLATCH BOWAN OVERSHOT FROM TBG. FISH. P.O.O.H.

WELL 1-35A4  
RIG 17

11/16/79

AFE NO. #579777 AUTH. AMT. \$150,000  
DAILY COST \$3901 CUM. COST \$106,700

11-16-79 - RUNNING 4 1/8 O.D. BAKER PACKER PICKER TO MILL  
OVER AND RECOVER MODEL D PACKER AT 12,889 FT.?

11-15-79 - FINISH RUNNING 4 1/8 O.D. MILL, WASH PIPE  
BUMPER SUB AND HYD. JARS. TAG TOP OF TBG. FISH AT  
12,832 FT. SLIDE SHOE AND WASH PIPE OVER FISH TO  
12,852 FT. MILL OVER 2 - 2 7/8 TBG. COLLARS AND  
BAKER MODEL F SEATING NIPPLE AND DOWN TO 12,884 FT.  
TOP OF MODEL D PACKER? FISH APPEARS TO BE TURNING  
OR ROTATING THROUGH PACKER. PICK UP 1500 LBS. WT.  
OVER STRING WEIGHT. P.O.O.H. WET STRING! RECOVERED  
BAKER TYPE F SEATING NIPPLE 2 - 2 7/8 (MILLED OVER  
TBG. COLLARS) 2 - JTS. 2 7/8 TBG. BAKER LOCATER AND  
6 FT. OF SEAL ASSEMBLY (66 FT.) BOTTOM OF TAIL PIPE  
20 FT.? STILL IN HOLE BELOW PACKER. S.D. 7P.M.

WELL 1-35A4  
RIG 17

AFE NO. #579777 AUTH. AMT. \$150,000  
DAILY COST \$3813 CUM. COST \$110,513

11-17-79 - RUNNING IN HOLE WITH 4 1/8 O.D. X 3 1/4 I.D.  
WASHOVER SHOE (MILL) PLUS 2 JTS. 4 O.D. X 3 3/8 I.D. X  
60 FT. LONG TO MILL OVER BROKEN OFF SEAL ASSEMBLY PLUS  
MODEL D PACKER AT 12,889 FT.?

10-16-79 - FINISH RUNNING 4 1/8 O.D. PACKER PICKER. TAG  
PACKER AT 12,884 FT. MILL WITH REVERSE CIRC. 12,884 TO 12,890  
(6 FT. 4 HOURS) MILLING OF PACKER DID NOT SEEM LIKE NORMAL  
MILLING JOB. P.O.O.H. BOTTOM 1 1/2 FOOT OF PACKER PICKER  
BROKEN OFF WHICH INCLUDES PACKER LATCH, SAFETY LATCH, SPRING  
PLUS 6 OF 2 HEXAGON STINGER. S.D. 7 P.M.

WELL 1-35A4  
RIG 17

AFE NO. #579777 AUTH. AMT. \$150,000  
DAILY COST \$3185  
CUM. COST \$113,698

11-19-79 - P.O.O.H. WITH 4 1/8 O.D. X 3 1/4 I.D. MILL WASH  
PIPE BUMPER JARS PLUS HYD. JARS.

11-17-79 - FINISH RUNNING IN HOLE WITH 4 1/8 O.D. X 3 1/4 I.D.  
MILL 2 JTS. WASH PIPE BUMPER SUB, HYD. JARS PLUS TBG. TAG  
FISH AT 12,885 FT. MILL OVER SEAL ASSEMBLY OR TAIL PIPE PLUS  
1 1/2 FT. PIECE OF PACKER PICKER STINGER PLUS MOST OF BAKER  
PACKER. MILL FROM 12,885 FT. (6 1/2 FT. 5 HRS.) TO 12,891 1/2 FT.  
MILL WORN OUT. START P.O.O.H. PULLED 75 STANDS TBG.  
S.D. 7 P.M.

WELL 1-35A4  
RIG 17

AFE #579777  
DAILY COST \$4,256

11/21/79

AUTH. AMT. \$150,000  
CUM. COST \$117,954

11-20-79 STATUS P.O.O.H. W/4 1/8 IN MILL + WASH PIPE.

11-19-79 FINISH P.O.O.H. W/4 1/8 IN. O.D. MILL WASH PIPE  
JARS + BUMPER SUB. MILL WORN OUT! FLARED OUT SLIGHTLY.  
LAY DOWN MILL SHOE. PICK UP NEW 4 1/8 IN. O.D. X 3 1/4 IN.  
I.D. MILL SHOE. RAN 2 JNTS. WASH PIPE 4 IN. O.D. X 3 3/8 IN I.D.  
+ BUMPER JARS + HYDRAULIC JARS. TAG FISH AT 12,891 FT.  
MILL TO 12,893' (1 1/2' 4 HRS.) MILL WORN OUT. START P.O.O.H.  
PULLED 50 STDS. TBG. S.D. 7 P.M.

WELL 1-35A4  
RIG 17

AFE NO. 579777  
DAILY COST \$3,472

11/21/79

AUTH. AMT. \$150,000  
CUM. COST \$121,426

11-21-79 STATUS P.O.O.H. W/4 1/8 IN. O.D. MILL + WASH PIPE

11-20-79 FINISH P.O.O.H. W/4 1/8 IN. O.D. MILL + WASH PIPE  
MILL WORN COMPLETELY OUT WATER COURSES FLUSH WITH BOTTOM  
OF SHOE. PICK UP NEW 4 1/8 IN. O.D. MILL + WASH PIPE BUMPER  
SUB + HYDRAULIC JARS. RAN IN HOLE. TAG BOTTOM AT 12,893' (MILL  
1' 4 HRS.) TO 12,894' MILL WORN OUT! START P.O.O.H. PULLED  
50 STDS. TBG. S.D. 7 PM.

WELL 1-35A4  
RIG 17

11/22-26/79

AFE NO. #579777  
DAILY COST \$3542

AUTH. AMT. \$150,000  
CUM. COST \$124,968

11-22-79 - SHUT DOWN - THANKSGIVING

11-21-79 - FINISH P.O.O.H. MILL COMPLETELY WORN OUT, BUT HAD  
2 FT. OF IRON STUCK IN SHOE. RECOVERED BOTTOM PART OF BAKER  
PACKER PICKER PREVIOUSLY BROKEN OFF AND LOST IN HOLE, ALSO  
HAD 2 FT. OF TBG. TAILPIPE OFF SEAL ASSEMBLY. PICK UP NEW  
4 1/8 O.D. MILL, BUMPER SUB HYD. JARS 2 JTS. WASH PIPE.  
RAN BACK IN HOLE. TAG BOTTOM 3 FT. HIGH AT 12,891 FT.  
(MILL 1 HOUR - 1 FT.) PLUGGED MILL PICKED UP 10 FT.  
MILL STILL PLUGGED. PULL UP 30 FT. BROKE CIRCULATION.  
O.K. P.O.O.H. 10 STANDS TBG. S.D. 7 P.M. OVER THANKSGIVING.

11-23-79 - RUNNING MILL BACK TO BOTTOM TO CONTINUE MILLING AND  
ATTEMPT TO JAM PACKER REMAINS UP IN MILL SHOE AND WASH PIPE

WELL 1-35A4  
RIG 17

11/22-26/79

AFE #579777  
DAILY COST \$3,353

AUTH. AMT. \$150,000  
CUM. COST \$128,321

11-24-79 STATUS RUNNING 2 JOINTS WASH PIPE BUMPER SUB + HYDRAULIC JARS. BOTTOM OF WASH PIPE HAS 4 1/2 IN. HYDRILL PIN CUT 1/32 IN. OVERSIZE OF REGULAR HYDRILL PIN. WILL ATTEMPT TO SCREW HYDRILL PIN INTO HYDRILL BOX OF SHOE LEFT IN HOLE.

11-23-79 FINISH RUNNING 4 1/8 IN. O.D. MILL BUMPER SUB 2 JTS. WASH PIPE + HYDRAULIC JARS HACK TO BOTTOM AT 12,892' MILL 12,892' TO 12,893' (1 3 HRS.) MILL PLUGGED! WORK MILL UP & DOWN HOLE w/SLIGHT DRAG PULLING OFF BOTTOM. P.O.O.H. LEFT 4 1/8 IN. O.D. X 3 1/4 IN. I.D. X 3' LONG MILLING SHOE IN HOLE. LAY DOWN BOTTOM JT. WASH PIPE. 4 1/2 IN. REGULAR HYDRILL PIN THREADS DAMAGED. (NOT TOO BAD). S.D. 6 PM WILL HAVE NEW THREADS CUT ON JT. OF WASH PIPE 1/32 IN. OVERSIZE OF REGULAR 4 1/2 IN. HYDRILL PIN OVERNIGHT, TO RUN IN HOLE IN MORNING.

WELL 1-35A4  
RIG 17

11/22-26/79

AFE NO. #579777  
DAILY COST \$2950

AUTH. AMT. \$150,000  
CUM. COST \$131,271

11-26-79 - RUNNING NEW 4 1/8 IN. O.D. X 3 1/4 IN. I.D. X 3 FT. LONG MILL PLUS 2 JTS. 4 IN. O.D. X 3 3/8 IN. I.D. WASH PIPE PLUS BUMPER SUB PLUS HYDRAULIC JARS.

11-24-79 - FINISH RUNNING 2 JTS. WASH PIPE WITH BOTTOM JT. 4 1/2 IN. HYDRILL PIN CUT 1/32 IN. OVERSIZE. TAG MILL SHOE LEFT IN HOLE AT 12,893 FT. RIG UP POWER SWIVEL, SCREW INTO MILL SHOE AND WORK MILL FREE! CIRCULATE OUT OIL AND GAS BEFORE SCREWING INTO MILL. P.O.O.H. RECOVERED MILL SHOE LEFT IN HOLE. O.K. LAY DOWN RECOVERED LOST MILL PLUS JT. OF WASH PIPE WITH OVERSIZE PIN THREADS. PICK UP NEW 4 1/8 IN. X 3 1/4 IN. I.D. X 3 FT. LONG MILL SHOE PLUS 2 JTS. WASH PIPE. RAN 50 STANDS TAG. IN HOLE. S.D. 7 P.M.

WELL 1-35A4  
RIG 17

11/27/79

AFE NO. #579777  
DAILY COST \$19,169

AUTH. AMT. \$150,000  
CUM. COST \$150,440  
\*OVER COST \$440

11-27-79 - RUNNING POUR BOY MILL SHOE TO FISH PACKER OUT OF HOLE!

11-26-79 - FINISH RUNNING 4 1/8 IN. O.D. X 3 1/4 IN. I.D. MILL SHOE 2 JTS. 4 IN. O.D. X 3 3/8 IN. I.D. WASH PIPE, BUMPER SUB PLUS HYD. JARS IN HOLE. TAG PACKER AT 12,893 FT. MILL 12,893 TO 12,894 FT. (1 FT. - 4 HOURS) PACKER TURNED LOOSE (PUSH FREE 20 FT.) TO 12,914 FT. CIRCULATED HOLE CLEAN. MAKE CONNECTION PLUS PUSH PACKER FREE TO 12,932 FT. SET DOWN ON BOTTOM WITH (10,000 LBS. WT.) LACK 18 FT. BEING TO P.B.T.D. OF 12,950 FT. P.O.O.H. DID NOT RECOVER PACKER. MAKE UP POUR BOY FISHING TOOL OUT OF USED 4 IN. O.D. X 3 3/8 IN. I.D. MILLING SHOE. 3 SLOTS IN SIDES OF SHOE BENT IN AT TOP TO MAKE 3 IN. I.D. FOR CATCHERS AND ALSO 3 SHORT PIECES OF SWAB LINE AT BOTTOM SPUT WELDED IN TO MAKE 3 IN. I.D. TO CATCH PACKER. S.D. 7 P.M.

WELL 1-35A4  
RIG 17

AFE#579777

DAILY COST \$5,434

11/29/79

AUTH AMT. \$150,000

CUM COST \$155,874

11-28-79 STATUS RUNNING 4 1/8 IN. O.D. X 3 IN. I.D. (PENED  
IN I.D. 12 PLACES) X 3' LONG MILL SHOE + BUMPER SUB +  
HYDRAULIC JARS + WASH PIPE TO DRIVE OVER PKR + TAIL PIPE  
TO RECOVER ?

11-27-79 FINISH RUNNING POOR BOY FISH TOOL MADE OUT OF  
4 1/8 IN O.D. X 3 IN I.D. X 3' LONG MILL SHOE W/8-1 IN. CUT SLOTS  
+ PIECES OF SWAB LINE INSIDE TO FOUL OR CATCH PKR REMAINS.  
TAG PKR AT 12,932'. BUMP MILL (FISHING TOOL OVER PKR)  
SEEMED AS IF PULLING UP PKR ON 1 ST. PICKUP OFF BOTTOM.  
COULD NEVER GET ANOTHER PICKUP AS IF PULLING PKR. P.O.O.H.  
DID NOT RECOVER PKR POOR BOY MILL FISHING TOOL WIPED OUT  
CLEAN INSIDE WHERE IT PULLED OFF PKR. LAY DOWN FISHING  
MILL. PICK UP 4 1/8 IN. O.D. X 3 IN. I.D. (PENED IN I.D.  
12 PLACES) BUMPER SUB, HYDRAULIC JARS + 1 JT. OF WASH PIPE  
RAN 75 STDS. TBG. BACK IN HOLE. S.D. 7 PM.

WELL 1-35A4  
RIG 17

11/30/79

AFE#579777

DAILY COST

!!!!154,982

AUTH AMT. \$150,000

CUM COST \$160,856

11-29-79 STATUS RUNNING 4 1/8 IN O.D. BOWAN OVERSHOT X 3 7/8  
LIP GUIDE X 3 1/16 SPIRAL GRAPPLE X 3' LONG + BUMPER SUB, HYDRAULIC  
JARS + 1 JT. WASH PIPE TO RECOVER MILL OVER PKR.

11 28 29 FINISH RUNNING 4 1/8 IN O.D. X 3 IN. I.D. (PEENED IN 12 PLACES)  
FISHING MILL SHOE + 1 JT. WASH PIPE, BUMPER SUB, HYDRAULIC JARS +  
TBG. TAG PKR AT 12,932' W/MILL SHOE. DRIVE PEENED MILL OVER PKR. HAD  
5000 LB. PICK UP ON FIRST PICKUP.. P.O.O.H. DID NOT RECOVER PKR 12 PEENED  
PLACES INSIDE MILL SHOE SMOOTHED OUT TO I.D. OF 3 1/16 IN. -  
SHOWING WHERE MILL HAD BEEN OVER PKR FISH. LAY DOWN MILL SHOE  
& PICK UP 4 1/8 IN. O.D. X 3 7/8 IN LIP GUIDE X 3 1/16 IN.  
GRAPPLE (BOWAN OVERSHOT) BUMPER SUB, HYDRAULIC JARS &  
RAN 100 STDS. TBG. BACK IN HOLE. S.D. 7 PM.

WELL 1-3514  
RIG 17

11/1/79

AFE NO. #579777  
DAILY COST \$3947

AUTH. AMT. \$150,000  
CUM. COST \$164,203

11-30-79 - FINISHING RUNNING 4 1/8 IN. O.D. X 2 5/8 IN. I.D. X 2' LONG MILL SHOE WITH 2-GLOBE BASKETS IN CHAMBER ABOVE PLUS WASH PIPE PLUS HYD. JARS ( TO MILL OVER CUT OFF TAIL PIPE IN BOTTOM OF HOLE.)

11-29-79 - FINISH RUNNING BOWAN OVERSHOT 4 1/8 IN. O.D. X 3 7/8 IN. I.D. LIP GUIDE WITH 3 1/16 IN. GRAPPLE X 3' LONG PLUS BUMPER SUB. HYD. JARS 1 JT. WASH PIPE PLUS TBG. TAG PACKER AT 12,932'. SET DOWN OVER PACKER FISH. ON 1ST. PICK UP PULLED 20,000 LBS. PLUS SET OFF JARS. PACKER DRAGGING HEAVILY, 1 STAND OF TBG. PULLED. P.O.O.H. RECOVERED MILLED OVER PACKER 6' OF SEAL ASSEMBLY PLUS PRODUCTION TUBE PLUS 1 SET OF WAX CUTTING TOOLS STICKING OUT BOTTOM OF PRODUCTION TUBE. TOTAL OVERALL LENG OF FISH - 16'. LAY DOWN OVERSHOT PLUS FISH. PICK UP 4 1/8 IN. O.D. X 2 5/8 I.D. X 2' LONG MILL SHOE WITH 2-GLOBE BASKETS IN CHAMBER ABOVE SHOE PLUS HYD. JARS PLUS 1 JT. WASH PIPE PLUS TBG. RAN 200 STANDS TBG. IN HOLE. S.D. 7 P.M.

WELL 1-35A4  
RIG 17

12/4/79

AFE NO. #579777  
DAILY COST \$3561

AUTH. AMT. \$150,000  
CUM. COST \$168,364

12-1-79 - REMOVING 7 1/16 IN. - 5000 X 10 IN. 5000 LB. TBI. HD SPOOL AND INSTALLING 6 IN. 5000 X 10 IN. 5000 LB. TBG. HD SPOOL. ALSO INSTALL 1 WING VALVE ON SIDE OF TBG. HD SPOOL. SLIP DREG LINE + RIG UP O.W.P.

11-30-79 - FINISH RUNNING 4 1/8 IN. O.D. X 2 5/8 IN. I.D. X 2' LONG MILLING SHOE WITH 2 - GLOBE BASKETS IN CHAMBER ABOVE SHOE. HYD. JARS + 1 JT. 4 IN. WASH PIPE. TAG TAIL PIPE (2 3/8 IN.) AT 12,938' M. LL OVER 2 3/8 IN. TAIL PIPE (10') 12,938' TO 12,948' P.B.T.D. BY (TBG. MEASUREMENTS) ORIGINAL P.B.T.D. EQUALS 12,950'. MILL TORQUED VERY BADLY ILE MILLING! P.O.O.H. LAY DOWN 4 - 3 1/8 IN. O.D. D.C.'S JOHNSTON HYD. JARS 1 JT. 4 IN. O.D. WASH PIPE + MILLING SHOE. MILLING SHOE WORN COMPLETELY OUT LIKE IT HAD BEEN MILLING ON A COVEY OR FLOCK OF PARAFFIN CUTTING SINKER BARS. GLOBE BASKETS IN CHAMBER COMPLETELY WIPED OUT! NO RECOVERY OF TAIL PIPE. S.D. 7 P.M.

WELL 1-35A4  
RIG 17

12/4/79

AFE NO. #579777  
DAILY COST \$2650

AUTH. AMT. \$150,000  
CUM. COST \$171,014

12-3-79 - O.W.P. RIGGED UP STAURODAY EVENING 12-1-79. PREPARE TO PERFORATE AS PER PROGNOSIS.

12-1-79 - REMOVED 7 1/16 N. - 5000 X 10 IN. - 5000 TIG. HD SPOOL. INSTALLED 6 IN. - 5000 X 10 IN. - 5000 LB. TBG. HD SPOOL ON WELL HD. REMOVE ASSORTMENT OF FLANGES AND SPOOLS OFF XMAS TREE TO SHORTEN XMAS TREE BY 4' MAKING SAFER WELL HEAD OPERATION. CUT + SLIP DREG LINE. RIG UP O.W.P. TO BE READY TO START PERFORATING MONDAY 7 A.M. 12-3-79. S.D. 7 P.M.

WELL 1-35A4  
RIG 17.

AFE NO. #579777  
DAILY COST \$16,810

12/4/79

AUTH. AMT. \$270,000  
CUM. COST \$187,824

12-4-79 - PERFORATING. MADE 1ST. RUN 7 A.M. F.L. 5800'.  
(T.D. = 12,930' WIRE LINE MEASUREMENTS)

1ST. RUN PERFORATED 12,928' UP THROUGH 12,794'  
(16 SELECTIONS) 48 HOLES. NO SURFACE PRESSURE.

12-3-79 - OWP RIGGED UP TO PERFORATE. UNABLE TO  
FIND SCHLUMBERGER CBL/GR LOG DATED 4-10-70 IN FILES OFFICE  
OR WAREHOUSE LOG STORAGE. HAD CBL/GR LOG DATED 4-10-70 ZEROXED  
HOUSTON TO ALTAMONT. LOG WAS OUT OF PROPORTION OR OFF SCALE  
COMING OVER ZEROX MACHINE. UNABLE TO PERFORATE CORRECTLY PROPOSED  
PROGNOSIS SELECTIONS. CHECK PBD = 12,930' (WIRE LINE MEASUREMENTS) RAN GAMMA  
RAY COLLAR CORRELATION LOG FROM 12,930' UP TO 11,200'. TOOK  
GAMMA RAY LOG TO OWP OFFICE IN VERNAL, UTAH AND CORRELATED LOG  
TO ZEROXED LOG FROM HOUSTON ON OWP'S LIGHT TABLE. O.K.  
S.D. 5 P.M.

WELL 1-35A4  
RIG 17

AFE # 579777  
DAILY COST \$7993

12/6/79

AUTH. AMT. \$270,000  
CUM. COST \$193,167

12-5-79 - 12 HOURS S.I. CSG. PRESS. = 500 LBS. BLEED OFF PRESSURE  
TO CONTINUE PERFORATING 3 MORE RUNS.

12-4-79 - FINISH RIGGING UP O.W.I. PERFORATE BY OWP WITH 3 1/8 IN.  
O.D. CSG. GUN 14 GRAM CHARGES, FROM P.R.T.D. OF 12,930'.  
BOTTOM UP (9 RUNS) 12,928' UP TO 11,711'. 3 JETS PER SELECTION  
DEPTH TOTAL OF 420 HOLES. F.L. 1ST. RUN 5800'. F.L. LAST RUN  
5400'. WELL GASSING SOME. S.D. 7 P.M.

WELL 1-35A4  
RIG 17

12/6/79

AFE #579777  
DAILY COST \$34,075

AUTH AMT. \$270,000  
CUM COST \$227,242

12-6-79 STATUS INSTALLING 10,000 LB FRAC TREE TO ACIDIZE + KNOCKOUT  
PLUG W/SLICK LINE TOOLS. PERFS 11,440 TO 12,928 (537 NEW PERFS +  
216 OLD PERFS) TOTAL PERFS 853

12-5-79

CONTINUE PERFORATING. MADE 3 MORE RUNS. PERFORATE AS PER PROGNOSIS  
W/3 1/8 CASING 14 GRAM CHARGES, 3 JETS PER SELECTION. PERFORATED  
117 HOLES + 420 YESTERDAY FOR TOTAL OF 537 HOLES. F.L. LAST RUN 5140'  
RAN BAKER 5 MODEL FA PKR W/KNOCKOUT PLUG IN PLACE. SET PKR AT 11,380'. RAN  
TBG + SEAL ASSEMBLY, LATCH INTO PKR + SPACEOUT. UNSTRING FROM PKR.  
CIRCULATE TBG AND CSG W/PRODUCED WATER. STRING BACK INTO PKR. PRESSURE  
BACKSIDE TO 2000 LBS. PRESSURE TEST TBG TO 75LBS. HELD OK.  
S.D. 7 P.M.



WELL 1-35A4  
RIG 17

AFE # S579777  
DAILY COST \$41,211

12/7/79

AUTH AMT. \$270,000  
CUM. COST \$268,453

12-7-79 STATUS 14 HRS TBG=VACUUM. PREPARE TO RUN GAS LIFT EQUIP. 12-6-79 REMOVE B.O.P. INSTALL 10,000 LB FRAC TREE. RIG UP DELSCO SLICK LINE TRUCK TO KNOCK PLUG OUT OF PKR. COULD NOT GET BELOW 1200' IN TBG PARAFFIN. REMOVE FRAC TREE REINSTALL B.O.P. UNLATCH FROM PKR. CIRCULATE DOWN TBG AND OUT CSG 150 DEGREES HOT PRODUCED WATER. RERAN TOOLS TO 5000' O.K. REMOVE B.O.P. REINSTALL 10,000 LB FRAC TREE. FINISH RIGGING UP B J SERVICE. RERIG DELSCO. KNOCK PLUG OUT OF PKR O.K. PRESSURE TEST SURFACE TREATING LINES + TREE TO 9000 LBS. ACID TREAT PERFS 11,440 TO 12,928' (537 NEW + 316 OLD. TOTAL OF 853 PERFS) AS PER PROGNOSIS. MAX T.P. = 7500, MIN T.P. = 6750, AVERAGE T.P. = 7250. MAX R = 15 1/2 BBLs, MIN R = 8 1/2, AVERAGE R = 11.3 BBLs PER MINUTE. I.S.I. = 4000 LBS, 5M = 3300, 10M = 2900, 15M = 2530 DROPPED 780 BALL SEALERS + 6000 LBS BENZOIC FLAKES DURING REATMENT. TOTAL LOAD TO RECOVER = 1290 BBLs. FLUSH W/100 BBLs PRODUCED WATER. TREATING TIME 1 HR + 49 MINUTES. RIG UP O.W.P. RAN GAMMA RAY LOG FROM 12,923' T.D. UP TO 11,200'. LOG INDICATES FAIR TO GOOD TREATMENT FROM 11,857 UP TO 11,440'. S.D. 10 P.M.

WELL 1-35A4  
RIG 17

12/8-10/79

AFE #S579777  
DAILY COST \$34,075

AUTH AMT. \$270,000  
CUM COST \$227,242

12-6-79 STATUS INSTALLING 10,000 LB FRAC TREE TO ACIDIZE + KNOCKOUT PLUG W/SLICK LINE TOOLS. PERFS 11,440 TO 12,928 (537 NEW PERFS + 216 OLD PERFS) TOTAL PERFS 853

12-5-79

CONTINUE PERFORATING. MADE 3 MORE RUNS. PERFORATE AS PER PROGNOSIS W/3 1/8 CASING 14 GRAM CHARGES, 3 JETS PER SELECTION. PERFORATED 117 HOLES + 420 YESTERDAY FOR TOTAL OF 537 HOLES. F.L. LAST RUN 5140' RAN BAKER 5 MODEL FA PKR W/KNOCKOUT PLUG IN PLACE. SET PKR AT 11,380'. RAN TBG + SEAL ASSEMBLY, LATCH INTO PKR + SPACEOUT. UNSTRING FROM PKR. CIRCULATE TBG AND CSG W/PRODUCED WATER. STRING BACK INTO PKR. PRESSURE BACKSIDE TO 2000 LBS. PRESSURE TEST TBG TO 75LBS. HELD OK. S.D. 7 P.M.

WELL 1-35A4

RIG 17

12/8-10/79

AFE # 5579777

AUTH. AMT. \$270,000

DAILY COST \$41,211

CUM. COST \$268,453

12-7-79 STATUS 14 HRS TSG=VACUUM. PREPARE TO RUN GAS LIFT EQUIP. 12-6-79 REMOVE B.O.P. INSTALL 10,000 LB FRAC TREE. RIG UP DELSCO SLICK LINE TRUCK TO KNOCK PLUG OUT OF PKR. COULD NOT GET BELOW 1200' IN TSG PARAFFIN. REMOVE FRAC TREE REINSTALL B.O.P. UNLATCH FROM PKR. CIRCULATE DOWN TSG AND OUT CSG 150 DEGREES HOT PRODUCED WATER. RERAN TOOLS TO 5000' O.K. REMOVE B.O.P. REINSTALL 10,000 LB FRAC TREE. FINISH RIGGING UP R J SERVICE. PERIG DELSCO. KNOCK PLUG OUT OF PKR O.K. PRESSURE TEST SURFACE TREATING LINES + TREE TO 9000 LBS. ACID TREAT PERFS 11,440 TO 12,928' (537 NEW + 316 OLD. TOTAL OF 853 PERFS) AS PER PROGNOSIS. MAX T.P. = 7500, MIN T.P. = 6750, AVERAGE T.P. = 7250. MAX R = 15 1/2 BBLs, MIN R = 8 1/2, AVERAGE R = 11.3 BBLs PER MINUTE. I.S.I. = 4000 LBS, 5M = 3300, 10M = 2900, 15M = 2530 DROPPED 780 BALL SEALERS + 6000 LBS BENZOIC FLAKES DURING TREATMENT. TOTAL LOAD TO RECOVER = 1290 BBLs. FLUSH W/100 BBLs PRODUCED WATER. TREATING TIME 1 HR + 49 MINUTES. RIG UP O.W.P. RAN GAMMA RAY LOG FROM 12,923' T.D. UP TO 11,200'. LOG INDICATES FAIR TO GOOD TREATMENT FROM 11,857 UP TO 11,440'. S.D. 10 P.M.

WELL 1-35A4

RIG 17

12/8-10/79

AFE #579777

AUTH. AMT \$270,000

DAILY COST \$2500

CUM. COST \$268,453

12-8-79 - PREPARE TO MOVE TO 1-1184.

12-7-79 - LOAD TSG. WITH 100 BARRELS PRODUCED WATER. REMOVE 10,000# FRAC. TREE AND INSTALL 6 IN. B.O.P. UNSTING FROM PACKER. P.O.O.H. RAN GAS LIFT MANDRELS (CAMCO 8 MANDRELS WITH 2 7/8 SEAL LOCK SPECIAL CLEARANCE COUPLINGS) AS PER PROGNOSIS DATED 6-7-79. RIG WITH TSG. AND MANDRELS, LATCH INTO 5 IN. FA PACKER @ 11,380 LANDED IN WELLHEAD WITH 15,000# TENSION. INSTALL 5,000# TREE. R.D. RIG G AND EQUIPMENT. TURN WELL OVER TO PRODUCTION FOR FLOWLINE 400#-UP. [REDACTED]

Shell Oil Company



P.O. Box 831  
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout  
State of Utah  
Natural Resources  
Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS  
FROM SHELL OIL COMPANY TO  
SHELL WESTERN E&P INC.  
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

*G. M. Jobe*

G. M. Jobe  
Administrator, Regulatory-Permits  
Rocky Mountain Division  
Western E&P Operations

GMJ:beb

Enclosures

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address

UTEX OIL CO.

% SHELL WESTERN E&amp;P INC.

PO BOX 576

HOUSTON

TX

77001

ATTN: P.T. KENT, OIL ACCT.

Operator name  
change

Utah Account No. N0840

Report Period (Month/Year) 8 / 84

Amended Report ☐

Well Name	API Number	Entity	Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
MILES 1-35A4	4301330029	01965	01S 04W 35	WSTC	22	1677	1800	5722
SHELL O. TEE 1-23B4	4301330038	01970	02S 04W 23	GR-WST	1A	0	0	0
BROTHERSON 2-2B4	4301330855	08420	02S 04W 2	WSTC	31	10958	13758	509
BORTON 1-15B5	4301330128	08421	02S 05W 15	WSTC	31	372	0	5854
BROTHERSON 1-23B4R	4301330483	08423	02S 04W 23	WSTC	27	2399	0	10422
BLUFF 33-4	4303715866	08425	40S 23E 4	PRDX	SHUT IN 1958	0	0	0
CHURCH 2-27B5	4301330340	99996	02S 05W 27	UNTA	SHUT IN	0	0	0
TOTAL						15406	15560	22507

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

9-28-84

Authorized signature

Telephone



UTAH  
NATURAL RESOURCES

To:

*John*

From:

*Claudia*

Date:

*10/11/85*

- ☐ For your information and file.
- ☐ For necessary action.
- ☐ Reply directly to origin with a copy to this office.
- ☐ Please draft a reply for signature of \_\_\_\_\_

and

return by the following date \_\_\_\_\_

- ☒ Other *Is this WSTC or*  
*ERRV? It is in the*  
*system as WSTC.*

*GR*

*5/70*

*init. comp.*

*Should always be*  
*G. River.*

*Miles 1-35A4*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

PERMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

010948

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

ANR Limited Inc.

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201-

4. LOCATION OF WELL (Report location clearly and in accordance with any requirements.  
See also space 17 below.)  
At surface

See attached list

RECEIVED  
DEC 31 1986

DIVISION OF  
OIL, GAS & MINING

14. PERMIT NO.

43-013-30029

15. ELEVATIONS (Show whether OF, RT, OR, etc.)

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) - Change Operator

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

ANR Limited has been elected successor Operator to Utex Oil Company  
on the oil wells described on the attached Exhibit "A".

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <u>POW</u>	
2. NAME OF OPERATOR ANR Limited		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 082121	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  1980' FSL & 1980' FWL Section 35-T1S-R4W		8. FARM OR LEASE NAME Miles	
14. PERMIT NO. 43-013-30024		9. WELL NO. 1-35A4	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6396' KB		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR S.E. AND SUBVY OR AREA Sec. 35-T1S-R4W	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Install rod pump ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Installed rod pump equipment on 6/9/87.

RECEIVED

AUG 14 1987

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

V. E. GuinnTITLE Sr. Production EngineerDATE 8/11/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



## UNDESIRABLE EVENT REPORT

RECEIVED

AUG 21 1987 090402

DIVISION OF OIL  
GAS & MINING

Subject: Report of Undesirable Event

Date of Occurrence: Aug. 19, 1987Time of Occurrence: 1<sup>00</sup> a.m., (p.m.)Date Reported to USGS: Aug 20, 1987Time Reported to USGS: 9<sup>30</sup> a.m., p.m.Location: State UTAH; County Duchesne1/4 1/4 Section 35 T. 1S .., R. 4W .., MeridianOperator: ANR Limited 43-013-3000A POWSurface Ownership: FEDERAL, INDIAN, FEE, STATE (PRIVATE)Lease Number: 1-35A4; Unit Name or C.A. Number MILESType of Event: BLOWOUT, FIRE, FATALITY, INJURY, PROPERTY DAMAGE, OIL SPILL,  
SALTWATER SPILL, TOXIC FLUID SPILL, OIL AND SALTWATER SPILL,  
OIL AND TOXIC FLUID SPILL, SALTWATER AND TOXIC FLUID SPILL,  
GAS VENTING, or OTHER (Specify) \_\_\_\_\_Cause of Event: 3" ROCKWELL PLUG VALVE SPLIT OUT ON THE  
BACK OF A 2000 BBL OIL PRODUCTION TANK.Volumes of Pollutants I. Discharged or Consumed: 330 BBL'S OF OIL  
II. Recovered: 0 BBL'STime Required to Control Event (in hours): 1 hr.Action Taken to Control the Event, Description of Resultant Damage,  
Clean-up Procedures, and Dates: TIED H<sup>2</sup>O TRUCKS ON THE CRUDE TANK  
& TRANSFERRED THE OIL TO THE OTHER TANK. OIL RAN DOWN A DITCH  
& CONTAMINATED 2 ACRES OF GRASS PASTURE. CLEAN UP AUG 20, 1987Cause and Extent of Personnel Injury: NONEOther Federal, State, and Local Governmental Agencies Notified: NONE  
EXCEPT THEAction Taken to Prevent Recurrence: REMOVED THE 3" ROCKWELL  
PLUG VALVE, & CAP PLUGGED THE ENTRY.General Remarks: CLEAN IT UP & MAKE IT RIGHT.Signature Hal C. Givins Date Aug 20, 1987Title PRODUCTION FOREMAN

082417

## UNDESIRABLE EVENT REPORT

Operator COASTAL OIL & GAS CORP. Lease Fee POWWell Number or Site Description Miles 1-35A4 43.013.30029Sec. 35 T. 1S R. 4W Field AltamontCounty Duchesne Date/Time Rptd. 8-20-87Event: Major Minor Fatalities/Injuries Amount Spilled/Destroyed 330 bbs. Type OilDate/Time of Spill 8-19-87, 1:00 PM Quantity Recovered noneCause Area Affected (Extent and Type) Surface Water Systems Affected Control, Containment and Cleanup Contained in land owners irrigation ditch.  
Will burn off oil. Will notify Health Dept. in Vernal.Remarks (attach additional sheets as required) Reported to A. Sollis / Bill McGaughey (Coastal, 454-3394)

UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)Page 9 of 10

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ANR LIMITED INC./COASTAL  
P O BOX 749  
DENVER CO 80201 0749  
ATTN: RANDY WAHLUtah Account No. NO235Report Period (Month/Year) 11 / 87Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
ELDER 1-13B2							
4301330366	01905	02S 02W 13	GR-WS				
UTE #1-32Z2							
4301330379	01915	01N 02W 32	WSTC				
UTE TRIBAL #2-32Z2							
4301331110	01916	01N 02W 32	WSTC				
UTE TRIBAL 1-25A3							
4301330370	01920	01S 03W 25	GRRV		(Conf.)		
UTE TRIBAL 1-31A2							
4301330401	01925	01S 02W 31	WSTC				
UTE 1-25B6							
4301330439	01930	02S 06W 25	WSTC				
FARNSWORTH 2-07B4							
4301330470	01935	02S 04W 7	WSTC				
UTE 1-36B6							
4301330502	01940	02S 06W 36	WSTC				
TEW 1-15A3							
4301330529	01945	01S 03W 15	WSTC				
UTE SMTH 1-30B5							
4301330521	01950	02S 05W 30	WSTC				
SMITH 1-31B5							
4301330577	01955	02S 05W 31	WSTC				
MILES 1-35A4							
4301330029	01965	01S 04W 35	GRRV				
MILES #2-35A4							
4301331087	01966	01S 04W 35	WSTC				
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone

PLEASE COMPLETE FORMS IN BLACK INK

# ANR

**ANR Production Company**  
a subsidiary of The Coastal Corporation

RECEIVED  
JAN 25 1988

012712

DIVISION OF  
OIL, GAS & MINING

January 19, 1988

Natural Resources  
Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

N0675 ←

N0235

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

*Roger W. Sparks*  
Roger W. Sparks  
Manager, Crude Revenue Accounting

*The computer shows the ANR Limited wells listed under account no. N0235.*  
DTS  
1-26-88

CC: AWS

CTE:mmw

Lisha,

*I don't see any problem w/this. I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT for such proposals.

6. Lease Designation and Serial Number

Fee

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

CA #9618

9. Well Name and Number

Miles #1-35A4

10. API Well Number

43-013-30029

11. Field and Pool, or Wildcat

Altamont

1. Type of Well

☒ Oil Well☐ Gas Well☐ Other (specify)

2. Name of Operator

ANR Production Company

3. Address of Operator

P. O. Box 749, Denver, Colorado 80201-0749

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 1980' FNL &amp; 1980' FEL

QQ. Sec. T. R. M. : SWNE Section 35, T1S-R4W

County : Duchesne

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment                           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                         | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                       | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection               | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat                        | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                   | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Emergency Pit</u> |   |

Approximate Date Work Will Start \_\_\_\_\_

## SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANR Production Company requests permission to close the existing emergency pit on the above-referenced location using microbial remediation and install a lined pit. The liner will be seamless, 30 MIL, and 20 year warranted. Any emergency use of this pit will be reported to your office as soon as possible and the pit will be emptied and the liquids disposed of in an approved manner within 48 hours following its use, unless otherwise instructed by your office.

(Please see the attached letter submitted to your office 5/7/91 further describing this project.)

# RECEIVED

JUL 01 1991

14. I hereby certify that the foregoing is true and correct.

Name &amp; Signature

(State Use Only)

DIVISION OF

OIL, GAS &amp; MINING

Regulatory Analyst Date 6/27/91

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 6-27-91

BY: [Signature]



**Coastal**  
The Energy People

MICHAEL E. McALLISTER Ph.D.  
DIRECTOR  
ENVIRONMENTAL & SAFETY AFFAIRS  
COASTAL OIL & GAS CORPORATION

May 7, 1991

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

**RECEIVED**

JUL 01 1991

Attention: Dianne R. Nielson, Ph.D.  
Division Director

**DIVISION OF  
OIL, GAS & MINING**

Dear Ms. Nielson:

Coastal Oil & Gas Corporation and ANR Production Co., Inc., known hereafter as COG welcomes the opportunity to provide the State of Utah with information regarding our emergency pits in the Altamont/Bluebell producing areas.

COG shares your concern for protecting ground water and other natural resources. We recognize our responsibility to conduct our operations lawfully, ethically and in an environmentally responsible manner.

COG acknowledges the potential environmental liabilities with emergency pits. Therefore, we are currently conducting a pilot program using bioremediation technology as the closure technique. It is anticipated that the microbial treatment process will achieve a cost effective closure while eliminating long term waste disposal liabilities associated with conventional closure technologies.

COG is currently 90 days into the pilot program. The selected pits have been inoculated and filled to the desired liquid level. The pit walls and bottoms have been manually turned to achieve maximum microbial contact. To date, we are able to photographically document the success of our efforts. If the program continues to progress as expected, we will use this technology as our plan of action for the remaining pits.

Utilizing microbes or any other type of closure technique will necessitate the need for emergency containment in the event of an operating system upset and/or failure. COG respectfully requests, as part of our plan of action, the State of Utah's approval to utilize lined emergency pits to meet this need.

**Coastal Oil & Gas Corporation**

Head Office: 1000 West North Temple, Salt Lake City, UT 84119 • TEL: 771-6620 • FAX: 771-877-1111  
Houston Office: 1000 West North Temple, Houston, TX 77001 • TEL: 713-866-2000 • FAX: 713-866-2001

RECEIVED

JUL 01 1991

State of Utah  
May 7, 1991  
Page - 2 -

DIVISION OF  
OIL, GAS & MINING

Our intent is simple. COG will construct an emergency pit immediately adjacent to the existing pits. The new pit's size will be held to a minimum, yet large enough to provide adequate protection. The new pit will be lined using a 30 mil, 20 year warranty, seamless liner. All emergency piping will be removed from the pit to be closed and diverted to the new lined excavation. The old pit will be closed by microbe or other closure technology.

COG feels we are eliminating the potential environmental liability exposure of the past practice of unlined pits. Additionally, the now lined pits afford COG, as a prudent operator, the opportunity to keep the pits clean, remove any liquids as a result of upset conditions within 48 hours and most importantly the pit liner will be inspected on a documented scheduled basis for maximum efficiency. If a problem is noted, corrections will receive priority attention.

The pits listed in your letters to Coastal Oil & Gas Corporation and ANR Production Company Co., Inc. will be the first pits on our state leases to be closed.

To re-confirm our position, COG conducts it's operations in an environmentally sound manner. With the State of Utah's approval for the installation of "lined emergency pits", we will continue with our planned pit closure program. At the same time this program offers future protection to the groundwater and other natural resources in Utah.

Your approval of COG's request to install "lined emergency pits" would be appreciated. Additionally, at your request COG will provide the State of Utah with a copy of our Waste Management Program.

If there are any questions or if additional information is needed, please do not hesitate to call.

Very truly yours,



Michael E. McAllister, Ph.D.

MEM:sc

bcc: R.L. Bartley  
E. Dey  
W.L. Donnelly  
L.P. Streeb

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
ANR Production Company

3. Address and Telephone No.  
P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980' FNL & 1980' FEL  
SW/NE Section 35, T1S-R4W

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

CA #9618

8. Well Name and No.

Miles #1-35A4

9. API Well No.

43-013-30029

10. Field and Pool, or Exploratory Area

Altamont

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Site Security Diagram

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see the attached REVISED site security diagram.

RECEIVED

DEC 27 1991

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed William Danna Dey Title Regulatory Analyst

Date 12/23/91

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

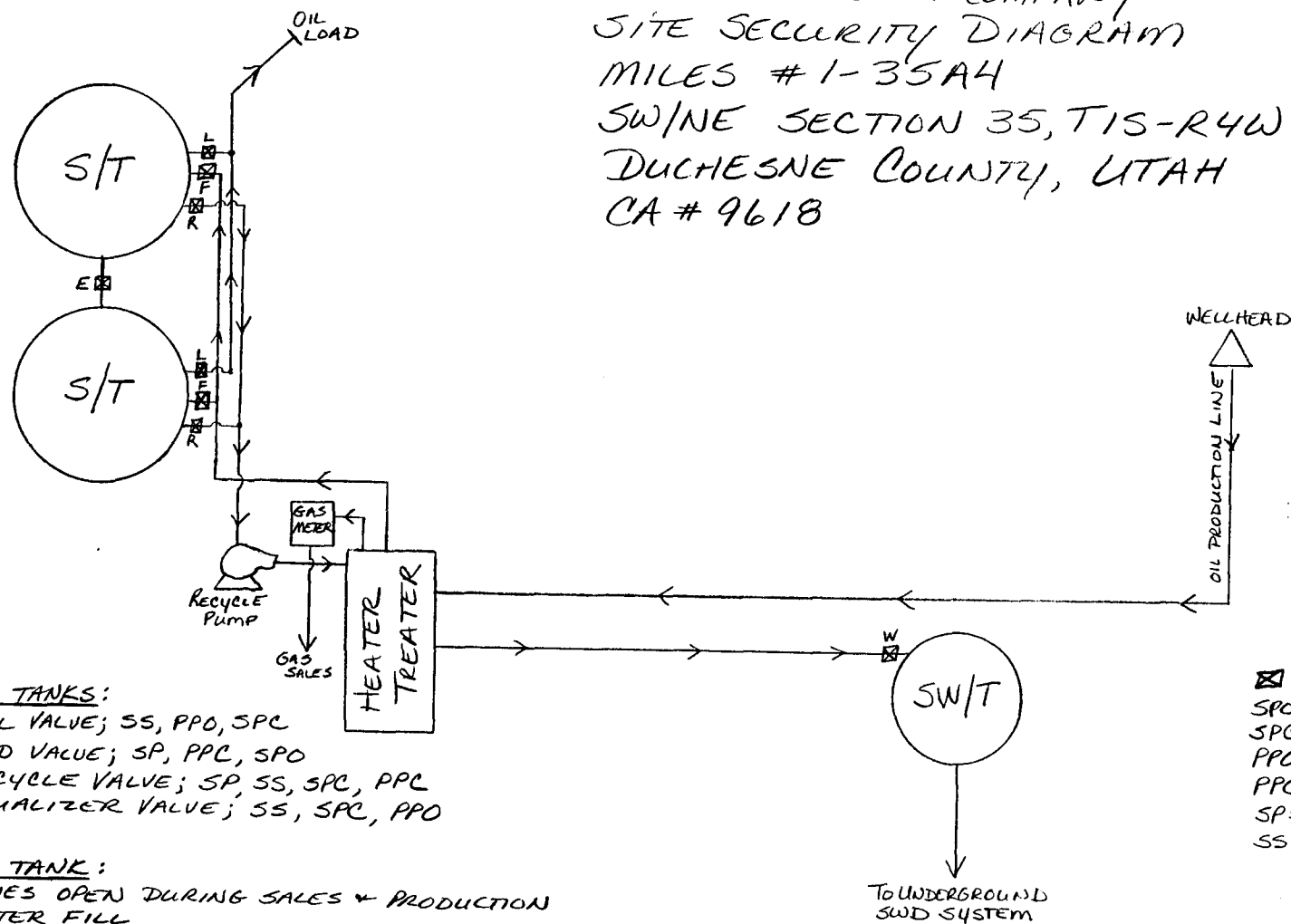
Title \_\_\_\_\_

Date \_\_\_\_\_





ANR PRODUCTION COMPANY  
SITE SECURITY DIAGRAM  
MILES #1-35A4  
SW/NE SECTION 35, T1S-R4W  
DUCHE SNE COUNTY, UTAH  
CA #9618



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. Fee
2. Name of Operator ANR Production Company	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. P. O. Box 749    Denver, CO 80201-0749    (303) 573-4476	7. If Unit or CA, Agreement Designation CA #9618
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FNL & 1980' FEL SW/NE Section 35, T1S-R4W	8. Well Name and No. Miles #1-35A4
	9. API Well No. 43-013-30029
	10. Field and Pool, or Exploratory Area Altamont
	11. County or Parish, State Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other NTL-3A	<input type="checkbox"/> Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)		

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On December 24, 1991, the emergency rupture disc on the treater on the above referenced location blew. ±200 bbls of oil was discharged into the emergency pit. (This oil was discharged through a flowline, therefore no surface contamination took place.) The oil was removed from the emergency pit on 12/24/91 and placed into the production tank on location. The emergency rupture disc on the treater was replaced on the same day.

RECEIVED

JAN 03 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct		
Signed <u>Allen Danni Dey</u>	Title <u>Regulatory Analyst</u>	Date <u>12/31/91</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

REPORT OF SPILL  
DIVISION OF OIL, GAS AND MINING  
STATE OF UTAH

Reporting Company: ANR PRODUCTION CO

Reported received by: Written Report X Telephone           

Call Received by:                                  Date: 1-3-92 Time:           

Location: SW 1/4 NE 1/4 Section 35 Township 1S Range 4W

County: DUCHESNE Lease: Federal            State            Indian            Fee X

Well No. MILES 1-35A4 API No. 43-013-30029

Tank Battery: Yes            Battery Name:                                 

Date of Discharge: 12-24-91 Time of Discharge:                                 

Type of Spill: Oil 200 Bbls Produced Water:            Bbls Gas:            MCFS

Amount Recovered: Oil 200 Bbls Produced Water:            Bbls

Time to control discharge:                                  hrs after discovery

Discharge contained on lease: Yes X No           

Other lands affected: BLM            Indian            State            Fee           

Other agencies contacted: BLM            BIA            EPA            Health            DNR           

How discharge occurred: RUPTURE DISC ON TREATER FAILED

Method of cleanup: OIL WAS DISCHARGED TO THE EMERGENCY PIT AND RECYCLED  
BACK INTO A PRODUCTION TANK.

Action taken to prevent reoccurrence: REPLACED RUPTURE DISC.

Suspense to: RWM-WELL FILE Date: 1-8-92

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well

Footages: 1980' FNL & 1980' FEL

QQ, Sec., T., R., M.: SW/NE Section 35, T1S-R4W

5. Lease Designation and Serial Number:

Fee

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

CA #9618

8. Well Name and Number:

Miles #1-35A4

9. API Well Number:

43-013-30029

10. Field and Pool, or Wildcat:

Altamont

County: Duchesne

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |  |
|--|--|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction            |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing        |
| <input type="checkbox"/> Change of Plans         | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare               |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off              |
| <input type="checkbox"/> Other _____             |  |

Date of work completion 2/18/93

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the cleanout and acid job performed on the above referenced well.

RECEIVED

APR 2 1993

DIVISION OF  
OIL GAS & MINING

13.

Name & Signature:

Eileen Danni Dey

Title:

Regulatory Analyst

Date:

3/25/93

(This space for State use only)

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (CLEANOUT & ACIDIZE)  
ALTAMONT FIELD  
DUCHESE COUNTY, UTAH  
WI: 71.67969% ANR AFE: 64409  
TD: 12,970' PBD: 12,828'  
5" LINER @ 11,299'-12,962'  
PERFS: 11,440'-12,828'  
CWC(M\$): 98.5

PAGE 1

2/10/93 POOH w/prod - 2-7/8" tbg. MIRU. Unseat pump, POOH w/rods. Unable to rls tbg from WH. Heat WH & rls tbg & TAC. NU BOP.  
DC: \$4,295 TC: \$4,295

2/11/93 Cleanout. Open well. POOH w/prod equip. PU 5" CO tools. RIH w/70 jts 2-3/8", XO, 151 stds 2-7/8". SWI @ 5:00 p.m.  
DC: \$3,218 TC: \$7,513

2/12/93 Finish POOH w/CO tools. RIH w/13 stds, tag @ 12,482'. Milled up hard scale to 12,518'. Fell out. RIH, hitting stringers to 12,783', got hard, made 45' hole to 12,838' (metal). POOH w/41 jts. SDFN.  
DC: \$4,477 TC: \$11,990

2/13/93 Prep to acidize. POOH w/128 stds 2-7/8" tbg, 70 jts 2-3/8" & CO tools. ND BOP, NU csg flange. SDFN.  
DC: \$2,472 TC: \$14,462

2/15/93 Swab testing after acid job. RU Smith & acidize perfs from 11,440'-12,828' w/25,600 gals 15% HCl w/additives, BAF, rock salt, 1620 - 1.1 BS's. Max press 5100#, avg press 4800#. Max rate 33 BPM, avg rate 30 BPM. ISIP 3600#, 15 min 1500#. Total load 1274 bbls. Diversion good. RD Smith. Well on vac. ND flange w/3" valve. NU BOP. RIH w/144 stds w/SN @ 8943'. RU swab, IFL @ 6100'. Made 7 swab runs, FFL 7200'. Rec 49 BW w/pH of 7. SDFN.  
DC: \$45,266 TC: \$59,728

2/16/93 Finish RIH w/prod tbg. Swab well down to SN @ 8963' w/7 swab runs, rec 22 BF. IFL 8000'. POOH w/2-7/8" tbg, PU 2-3/8" slotted mud anchor, 5" MSOT AC, perf jt 2-7/8" 8rd, 2-7/8" S. plug, 2-jts 2-7/8" Nu-Lock, 1 perf jt, SN w/80' 1-1/4" dip tube, 4' pup, 2-7/8" +45 SN. RIH drifting 58 jts T&C Nu-Lock, 172 jts IJ Nu-Lock. Found 8 bad jts. SDFN.  
DC: \$17,307 TC: \$77,035

2/17/93 Finish running rods. Finish RIH w/109 jts 2-7/8" IJ Nu-Lock tbg. Found 10 bad jts. PU 18 yellow & blue band. ND BOP, set anchor @ 10,753' w/18,000# tension. NU pump "T". PU 2-1/2 x 1-1/2 rod pump. RIH w/15 - 1", 169 - 3/4". SDFN.  
DC: \$10,236 TC: \$87,271

2/18/93 Well on pump. RIH w/115 - 7/8", 122 - 1" rods. Space out. RDMO. Put unit on pump @ 12:00 noon, 2/18/93.  
DC: \$7,895 TC: \$95,166

2/18/93 Pmpd 0 BO, 206 BW, 7 MCF, 9.5 SPM/19 hrs.

2/19/93 Pmpd 42 BO, 231 BW, 21 MCF, 9.5 SPM.

2/20/93 Pmpd 51 BO, 192 BW, 52 MCF, 9.5 SPM.

2/21/93 Pmpd 31 BO, 178 BW, 60 MCF, 9.5 SPM.

2/22/93 Pmpd 42 BO, 170 BW, 70 MCF, 9.5 SPM.

2/23/93 Pmpd 20 BO, 99 BW, 46 MCF, 9.5 SPM/16 hrs. Down 8 hrs - electric repair.

2/24/93 Pmpd 21 BO, 104 BW, 25 MCF, 9.5 SPM.

2/25/93 Pmpd 41 BO, 233 BW, 27 MCF, 9.5 SPM.

Prior prod: 0 BO, 0 BW, 0 MCF. Final report.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

**JAN 03 1998**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	<b>DIVISION OF OIL, GAS &amp; MINING</b>	5. Lease Designation and Serial No. Fee
2. Name of Operator ANR Production Company		6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476		7. If Unit or CA, Agreement Designation CA #9618
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FNL & 1980' FEL SW/NE Section 35, T1S-R4W		8. Well Name and No. Miles #1-35A4 9. API Well No. 43-013-30029 10. Field and Pool, or Exploratory Area Altamont 11. County or Parish, State Duchesne County, Utah

**12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see the attached workover procedure to plug back above the Wasatch to 11,420', pull the 5" tie-back liner @ 11,299', perf the Lower Green River pay from 9966' to 11,156' (3 SPF) and acid stimulate the formation with 6000 gals of 15% HCl, in the subject well.

APPROVED BY THE STATE  
OF UTAH  
DATE: 1-5-94  
BY: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed <u>Joe Adamski</u>	Title <u>Environ. &amp; Regulatory Analyst</u>	Date <u>12/29/93</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

## WORKOVER PROCEDURE

MILES #1-35A4  
SW NE 35, T1S-R4W  
ALTAMONT FIELD  
DUCHESNE CO., UTAH

1. Move in and rig up service unit.
2. Rig up Hot Oil Unit, pump 100 barrels hot water down casing and up tubing to kill well and remove paraffin. Remove horsehead.
3. Pick up on polish rod, unseat pump. Pull rods and pump. Stand back rods.
4. Release 5" tubing anchor at 10,753'. Strip on BOP's.
5. Trip out of hole with 2-7/8" tubing and pump assembly.
6. Rig up wireline, set 5" cement retainer at 11,250'. Rig down wire line.
7. Pick up stinger and trip in hole with 2-7/8" Nu-Lock tubing, hydrotesting on the way in hole. Sting into retainer. Fill annulus with water and pressure test.
8. Rig up pump, squeeze cement 50 sacks Cl "G" with additives below retainer. Unsting from retainer, reverse out excess cement. Circulate hole with 9.0 ppg, 60 viscosity mud.
9. Trip out with 2-7/8" tubing.
10. Rig up casing jacks. Run drill collars and casing spear. Pull and lay down 5" tie-back liner (18# N80 and P110) landed at 11,299'. Liner is landed in hanger with lead seal, no cement between 5" liner and 7" casing.
11. Trip in hole with mill on 2-7/8" tubing to top of 5" liner at 11,299'. Circulate mud from hole with water. Pressure test 7" casing. If casing tests ok, proceed with workover. If 7" does not test, locate and repair.
12. Rig up to perforate, tie depths of Gamma Ray on Cement Bond Log dated 03/29/70 to Schlumberger's Gamma Ray-Sonic Log dated 02/06/70. Perforate Lower Green River from 9,966-11,156' (56') with 3 SPF using casing gun in accordance with attached schedule. Record pressures before and after each run.
13. Trip in hole with retrievable packer on 2-7/8" tubing, set packer at 9,900'.
14. Rig up pumpers, acidize perforations 9,966-11,156' (168 holes) with 6,000 gallons 15% HCL with specified additives, as follows:
  - A. All fluids are to be heated to 150 Degrees F.
  - B. Precede acid with 250 barrels of 3% KCL water containing 10 gallons of scale inhibitor per 1,000 gallons of water and 60 ball sealers (S.G. 1,1), 1/4 ppg benzoic acid flakes and 1/4 ppg rock salt spaced evenly in the last 50 barrels of water.
  - C. Acidize in three stages of 2,000 gallons of 15% HCL per stage, each gallon of acid to contain 1/4 ppg benzoic acid flakes. Inject 45 ball sealers in the 1st stage,

- 40 ball sealers the 2nd stage and 35 ball sealers the 3rd stage. Tag the acid with radioactive sand.
- D. Two diverter stages of 1,500 gallons of gelled salt water per stage, each gallon of water containing 1/2 ppg benzoic acid flakes and 1/2 ppg rock salt.
15. Flow/swab back acid load.
  16. Rig up, run Gamma Ray log to determine if treatment was successful.
  17. Unseat packer and trip out of hole with 2-7/8" tubing.
  18. Trip in hole with production assembly on 2-7/8" tubing. Strip off BOP's, set a 7" tubing anchor at 10,630' and the seating nipple at 10,500', land with 20,000# tension.
  19. Install pumping tee and hook-up flow lines.
  20. Flush tubing with 50 barrels of filtered water. Trip in hole with rod pump assembly on tapered rod string, space out pump. Fill the tubing with filtered water and pressure test. Hook well up and return to pumping status.

MILESWP.K  
Rev 11/09/93



PROPOSED PERFORATION  
SCHEDULE

MILES #1-35A4

LOWER GREEN RIVER

9966	10561
9982	10569
9985	10580
9988	10587
9991	10593
10014	10668
10018	10686
10025	10703
10038	
10066	10724
10088	10731
	10735
10145	10740
10148	10746
10170	10750
10188	10755
10217	
	10795
10274	10805
10278	10809
10308	10815
10312	10858
10342	
10367	11006
	11021
10405	11030
10420	
10424	11106
10431	11117
10447	11122
10493	11127
	11156

36 ZONES, 56', 168 holes.

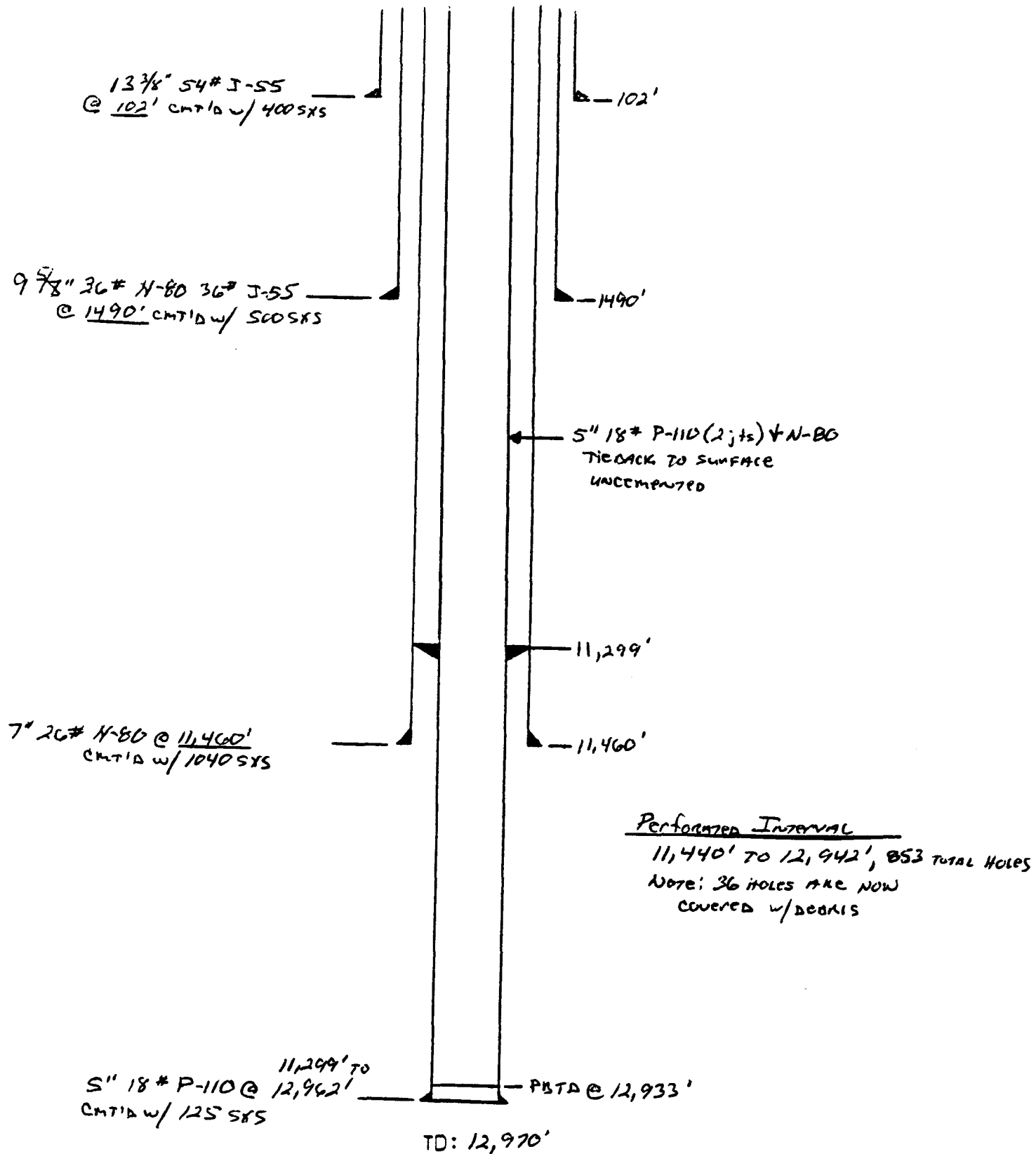
Depths have reference to Schlumberger's Gamma Ray-Sonic dated 02/06/70.

File: PSMILES.K

# PRESENT WELLBORE SCHEMATIC

Miles #J-35A4

S.C. Prutch  
10/20/92



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:  
ANR Production Company

3. Address and Telephone Number:  
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. Location of Well

Footages: 1980' FNL & 1980' FEL

QQ, Sec., T., R., M.: SW/NE Section 35-T1S-R4W

5. Lease Designation and Serial Number:  
Fee

6. If Indian, Allottee or Tribe Name:  
N/A

7. Unit Agreement Name:  
CA # 9618

8. Well Name and Number:  
Miles #1-35A4

9. API Well Number:  
43-013-30029

10. Field and Pool, or Wildcat:  
Altamont

County: Duchesne

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *                                 | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                 | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                               | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                       | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                                | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Install Gas Separator</u> |   |

Date of work completion 9/2/93

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached morning reports for the installation of a downhole gas separator on the subject well.

13.

Name & Signature: Joe Adamski

Joe Adamski

Environmental Coordinator

Date: 3/28/94

(This space for State use only)

DATE 8-30-93 mo

[illegible]



WT#210

DATE 8-31-93 Tue

## HOURS

**ACTIVITY LAST 24 HOURS**

**6:00 a.m. — 6:00 a.m.**

## DRILLING/COMPLETION COSTS

## DRILLING MUD PROPERTIES

### PUMP DATA:

**DRILLING STRING:**

## BIT RECORD:

[illegible]

DATE 9-2-93 TUE

## HOURS

DRILLING/COMPLETION COSTS	
ITEM	COST

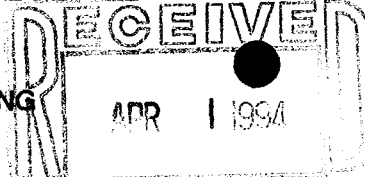
## DRILLING MUD PROPERTIES

**PUMP DATA:**

**DRILLING STRING:**

### BIT RECORD:

[illegible]

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:2. Name of Operator:  
ANR Production Company3. Address and Telephone Number:  
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. Location of Well

Footages: 1980' FNL &amp; 1980' FEL

QQ, Sec., T., R., M.: SW/NE Section 35-T1S-R4W

5. Lease Designation and Serial Number:  
Fee6. If Indian, Allottee or Tribe Name:  
N/A7. Unit Agreement Name:  
CA # 96188. Well Name and Number:  
Miles #1-35A49. API Well Number:  
43-013-3002910. Field and Pool, or Wildcat:  
Altamont

County: Duchesne

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *                                 | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                 | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                               | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                       | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                                | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Install Gas Separator</u> |   |

Date of work completion 9/2/93

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached morning reports for the installation of a downhole gas separator on the subject well.

13.

Name & Signature: Joe AdamskiJoe Adamski  
Title: Environmental Coordinator Date: 3/28/94

(This space for State use only)



HOURS	ACTIVITY LAST 24 HOURS 6:00 a.m. — 6:00 a.m.	CODE NO.	ITEM	DRILLING/COMPLETION COSTS	
				DAILY	CUMULATIVE
8 <sup>30</sup>	MTRU (10 MT) L.D. H.A.E.D.				
	WORK A.D.S. & UNSEAT PUMP FLUSH	110	ROADS & LOCATIONS		
	R.O. RESET PUMP. PTEST TO 1000'	120-125	CONTRACTOR CHARGES FOOTAGE, DAY WORK, COMP., WO	1486	1486
	HEAD UNSEAT PUMP. P.O.D. W/ R.O.S.	130	MUD & CHEMICALS	120	120
	L.D. R.O.D. FOR 70'S L.D. PUMP.	135-136	CEMENTING SERVICE & FLOAT EQUIPMENT		
	R.O. FOR TAG. RELEASE 5" TAG.	140	ELECTRIC LOGGING (OPEN HOLE)		
	FROM 10753' 507N @ 280M	141	CORING, DST, FMT		
		142	MUD LOGGING		
		145	FISHING TOOLS & SERVICES		
		146	WATER	350	350
		146	FUEL 175 GAL	105	105
		146	BITS		
		147	EQUIPMENT RENTALS 300-450 TRF-25	804	804
		175	TRUCKING TRF-135	135	135
		181	BHP, GOR, POTENTIAL TESTS.		
		183	PERF. AND CASED HOLE LOGS		
		184	ACIDIZING, FRACTURING, ETC.		
			MISC. LABOR & SERVICES UTILITIES -	430	430
		190	SUPERVISION	350	350
			TOTAL INTANGIBLES	3780	3780
	TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)	200	TOTAL TANGIBLES (CSG, ETC.)		
			TOTAL COSTS	3780	3780

WT. (#/GAL) \_\_\_\_\_ VIS (SEC.) \_\_\_\_\_ F.L. 100# (cc) \_\_\_\_\_ HIGH TEMP. F.L. @ 300 PSI \_\_\_\_\_ P.V. (CP) \_\_\_\_\_ Y.P. (LB/100 FT³) \_\_\_\_\_

% OIL \_\_\_\_\_ % LCM \_\_\_\_\_ % SOLIDS \_\_\_\_\_ ES/pH \_\_\_\_\_ ALK.:P<sub>t</sub> \_\_\_\_\_ Ex. Lm. \_\_\_\_\_ CL (PPM) \_\_\_\_\_

QWR/Ca \_\_\_\_\_ GELS (LB/100 FT³): 0" \_\_\_\_\_ 10" \_\_\_\_\_ CAKE (32 ND") \_\_\_\_\_ MBT \_\_\_\_\_ LB/BDL \_\_\_\_\_

NO. 1: MODEL \_\_\_\_\_ LINER SIZE \_\_\_\_\_ X \_\_\_\_\_ " SPM \_\_\_\_\_ GPM \_\_\_\_\_ PUMP PRESS \_\_\_\_\_

NO. 2: MODEL \_\_\_\_\_ LINER SIZE \_\_\_\_\_ X \_\_\_\_\_ " SPM \_\_\_\_\_ GPM \_\_\_\_\_ PUMP PRESS \_\_\_\_\_

D.P. SIZE & TYPE \_\_\_\_\_ D.C. THD \_\_\_\_\_ NO. D.C. \_\_\_\_\_ LENGTH \_\_\_\_\_ O.D. \_\_\_\_\_ I.D. \_\_\_\_\_  
EFF. WT. OF D.C. \_\_\_\_\_ BHA \_\_\_\_\_

[illegible]







UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Form 3160-5  
(June 1990)

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

Fee

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

CA # 9618

8. Well Name and No.

Miles #1-35A4

9. API Well No.

43-013-30029

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1980' FNL & 1980' FEL

SW/NE Section 35-T1S-R4W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

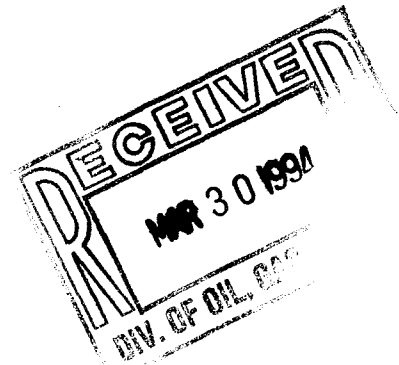
☐ Abandonment  
☒ Recompletion  
☒ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached chronological history describing the unsuccessful operations to recover the 5-1/2" tieback string and recompleting the Lower Green River. Operations were suspended due to excessive costs. The well is presently being evaluated for further remedial work to recomplete the Lower Green River.



14. I hereby certify that the foregoing is true and correct

Signed

Joe Adamski

Title Environmental Coordinator

Date

03/29/94

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (PLUG BACK WASATCH, RECOMPLETE LOWER GREEN RIVER)

PAGE 2

ALTAMONT FIELD

DUCHESNE COUNTY, UT

WI: 71.67969% ANR AFE: 64969

TD: 12,970' PBD: 12,828'

5" @ 11,299'-12,962'

PERFS: 11,440'-12,828' (WASATCH)

CWC(M\$): 152.6

- 2/4/94 NU BOP. POOH w/tbg.  
MIRU, unseat pump. POOH w/148 - 1", 126 - 7/8", 139 - 3/4", 8 - 1"  
rods & pump. CC: \$2,909
- 2/5/94 RIH w/csg scraper.  
Unseat pkr. ND WH. NU BOP's. POOH w/339 jts 2 7/8" tbg, 3 jts 2 3/8"  
tbg, downhole gas separator, on-off tool. MSOT Arrowset-I 5" pkr.  
RIH w/5" csg scraper on 298 jts 2 7/8" to 9399'. CC: \$6,410
- 2/6/94 RIH w/stinger, prep to sqz.  
RIH to 11,488'. POOH w/367 jts. RU OWP. RIH w/5" retainer & set @  
11,390'. RD OWP. RIH w/stinger & 207 jts 2 7/8", hydrotesting to 8000  
psi. CC: \$13,198
- 2/7/94 POH w/2 7/8" & stinger.  
RIH, hydrotesting to 8000 psi, to retainer @ 11,390'. Stung into  
retainer. Tested to 2000 psi. RU Halliburton. Sqz'd 50 sx Class  
"G" cmt below retainer. Unstung from retainer. Rev out, POOH w/103  
jts 2 7/8" tbg to 8134'. CC: \$23,205
- 2/8/94 Prep to pull 5" tieback.  
POOH w/261 jts 2 7/8" tbg & stinger. ND BOP's & tbg head. Welded 12'  
x 5" stub on csg. RU csg jacks. PU to 235,000#, 5" csg, came free.  
RD jacks, NU tbg head & BOP's. Tried to put elevators on - would  
not fit in bails. Got new bails from Vernal. CC: \$25,905
- 2/9/94 Prep to run freepoint.  
Attempt to POH w/5 1/2" tieback, worked 5' out of hole, 10' above top  
of 5" liner @ 11,299'. Csg hung up - worked to 350,000# - no  
success. Can go back to TOL. CC: \$30,710
- 2/10/94 Prep to perf 5" csg @ 10,000' to circ out mud fill.  
Ran freepoint on 5" tieback, found 5" stuck @ 7200'. Perf 4 holes  
in 5" @ 11,279'. Attempt to circ while working csg up to 300,000# -  
pressure up 5" to 3800 psi. CC: \$37,049
- 2/11/94 Fish perf gun.  
RIH w/perf gun. Shoot 4 holes @ 10,000' w/1500 psi. Pressured up  
to 3200 psi & worked csg - no circ. RIH w/perf gun & shoot 4 holes  
@ 9000' w/1500 psi. Pressured up to 3200 psi & worked csg - no  
circ. RIH w/perf gun & shoot 4 holes @ 8000' w/1500 psi. Pressured  
up to 3200 psi & worked csg - no circ. RIH w/perf gun. Shoot 4  
holes @ 7000'. Pressured up to 3200 psi & started circ well clean.  
Lost perf gun downhole. CC: \$52,754
- 2/12/94 Circ 5" csg - 7" annulus clean.  
RU OWP & fished perf gun. RD. Csg jacks torqued 5" up & worked csg  
up & down. Started circ 5" csg - 7" annulus clean - got drlg mud in  
returns. Dropped 8 frac balls, pressured up to 3000# & broke back.  
Circ mud from 5" - 7" annulus @ 8000'. Dropped 12 frac balls.  
Pressured up to 3500# & broke back. Started circ @ 9000' @ 1 BPM @  
2500# - lost circ. CC: \$59,903
- 2/13/94 RU csg jacks.  
Dropped 8 balls, circ clean @ 10,000'. Dropped 4 balls, circ clean  
@ 11,292'. Circ well for 4 hrs & worked csg up & down for 1-hr.  
Gained 18" of travel. CC: \$64,915

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (PLUG BACK WASATCH, RECOMPLETE LOWER GREEN RIVER)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UT  
WI: 71.67969% ANR AFE: 64969

PAGE 3

- 2/14/94 Freepoint & cut off 5" csg.  
RU jacks. Worked 5" csg from 150,000# up to 340,000# while circ @ 1 BPM thru perfs @ 11,279'. Gained 2' up hole. Getting 10-12' movement on string. CC: \$70,519
- 2/15/94 LD 5" csg.  
Freepoint 5" csg: 100% free @ 7117', 100% stuck @ 8028'. Est inj rate of 2 BPM @ 1400# into 7" csg (possible leak). Worked 5" csg up to 340,000# down to 280,000# - did not gain any travel. RU OWP. Cut 5" off @ 7290'. POOH w/2 jts 5" 18# 8rd csg. CC: \$81,334
- 2/16/94 POOH & LD 5" csg.  
POOH w/4 jts 5" csg. Lost slip die down hole. POOH w/90 jts. ND BOP's & tbg head. Got slip die out. NU BOP's. POOH w/28 jts 5", left 2400' in hole. CC: \$86,012
- 2/17/94 RU OWP, prep to cut 5" csg.  
POOH w/45 jts 5" & cut off stub 20'. RD WSC, RU Cutters. Run collar log from 0' to 7400' to check csg condition - no indication of parted csg. RD Cutters. CC: \$105,773
- 2/18/94 RIH w/136 jts to LD.  
RU OWP. RIH w/5" chemical cutter. Cut off 5" @ 9312'. POOH. RD OWP. RIH w/6 1/8" OD overshot w/no grapple, XO, 4' x 2 7/8" pup, 231 jts, to TOF @ 7290'. Circ well clean. POOH & LD 231 jts, 4' x 2 7/8" pup, XO, 6 1/8" OD overshot. CC: \$108,322
- 2/19/94 PU 3 1/2" tbg.  
RIH w/136 jts 2 7/8" tbg. POOH & LD 136 jts 2 7/8" tbg. PU & RIH tallying w/6 1/8" x 5" OS, bumper sub, jars, XO, 10 - 4 3/4" DC's, accelerator, XO, 4' x 3 1/2" pup, 55 jts 3 1/2" 8rd tbg to 2000'. Collars on 3 1/2" tbg were hanging up on top of 7" csg. CC: \$113,045
- 2/21/94 Jar on 5".  
PU & RIH tallying w/173 jts 3 1/2" tbg to TOF @ 7290'. Latched onto 5" csg. Started jarring at 30,000# over string wt, circ well clean. Dropped 4 balls, circ clean. Jarred at 30,000# over string wt, torqued tbg up. PU to 165,000#. 5" cut off @ 9312'. CC: \$119,091
- 2/22/94 RIH w/overshot.  
Started jarring at 155,000#. Jarred for 1-hr. RU pump & lines. Started circ. Dropped 8 balls, circ clean. Dropped 16 balls, circ clean. Jarred for 1-hr, came off fish. POOH w/228 jts 3 1/2" tbg, 4' x 3 1/2" pup, XO, accelerator, 10 collars, XO, jars, BS & 6 1/8" OS. RU OWP. RIH w/5" chemical cutter, cut 5" off @ 8086'. POOH. RD OWP. CC: \$127,787
- 2/23/94 RIH w/overshot.  
RIH w/6 1/8" x 5" OS, jars, 10 - 4 3/4" DC's, accelerator on 228 jts 2 7/8", tag TOF @ 7290'. Latched onto 5". Work to 20,000# over string wt & POH w/5" fish. Rec 10' stub, 18 jts 5" csg & 30' stub (796'). CC: \$136,918
- 2/24/94 RU OWP to freepoint 5".  
RIH w/6 1/8" x 5" OS to TOF @ 8096', latch 5". Jarring at 140,000# for 1-hr - no movement. Dropped 6 balls. Jarred at 155,000# for 4-hrs while circ down tbg @ 4 BPM - no movement. CC: \$141,597
- 2/25/94 LD 4 3/4" DC's.  
Freepointed 5", 100% free @ 8909', 100% stuck @ 9304'. Circ csg & jar w/70,000# over string wt for 3-hr. Csg came free @ cut pt @ 9312'. Circ clean. POOH w/255 jts 3 1/2" tbg. CC: \$149,757

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (PLUG BACK WASATCH, RECOMPLETE LOWER GREEN RIVER)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UT  
WI: 71.67969% ANR AFE: 64969

PAGE 4

2/26/94 LD 3½" tbg.  
LD fishing BHA, 10' stub, 27 jts 5", 30' cut-off stub, (1216'). RIH  
w/254 jts. POOH & LD 152 jts 3½" tbg. CC: \$157,037

2/27/94 RIH w/2⅞" tbg.  
POOH & LD 152 jts 3½" tbg. RIH w/2⅞" bull plug, XO, 58 jts 2⅞"  
T&C Nu-Lok tbg, 172 jts IJ Nu-Lok tbg to 7014'. CC: \$160,472

2/28/94 Operations suspended.  
PU 109 jts 2⅞", landed 2⅞" tbg @ 10,625'. ND BOP's, RU flow tee.  
RIH w/8 - 1", 139 - ¾", 126 - ⅞", 148 - 1" rods. Btm of rods @  
10,535'. RD. Will evaluate economics of remaining work. Drop from  
report until further activity. CC: \$176,849



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

CA # 9618

8. Well Name and No.

Miles #1-35A4

9. API Well No.

43-013-30029

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1980' FNL & 1980' FEL

SW/NE Section 35-T1S-R4W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

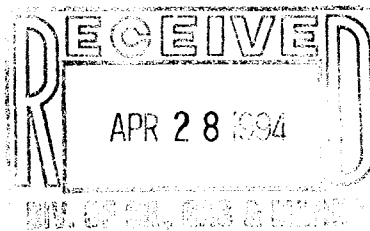
☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached workover procedure for the subject well.



APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 5-2-94  
BY: JAM Matthews

14. I hereby certify that the foregoing is true and correct

Signed

Joe Adamski

Title Environmental Coordinator

Date

04/26/94

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

## WORKOVER PROCEDURE

Miles 1-35A4  
Altamont Field  
Duchesne County, Utah

### WELL DATA

Location: 1980' FNL & 1980' FEL  
Elevation: 6378' GL, 6396' KB  
Total Depth: 12,970' PBD: 11,390'  
Casing: 9-5/8" 36# J-55 & N-80 LT&C set @ 1490'  
7" 26# N-80 LT&C set @ 11,460'  
5" 18# N-80 LT&C set @ 9,312-12,962'  
Tubing: 2-7/8" 6.5# N-80 IJ-NULOK tubing

### TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>B/F Capacity</u>	<u>psi Burst</u>	<u>psi Collapse</u>
7", 26#, N-80	6.276"	6.151"	0.0382	7240	5410
5", 18#, N-80	4.276"	4.151"	0.0177	10140	10500
2-7/8", 6.5#, N-80	2.441"	2.347"	0.00579	10570	11160

Present Status: Shutin. Perforations in tieback liner @ 10,000'.  
Cement retainer @ 11,390'.

### PROCEDURE

1. MIRU service rig. ND well head and NU and test 5K BOP to 5000 psi. POOH with tubing.
2. Perforate lower Green River 9,966-11,156' w/ 3 SPF and 120° phasing using 3-1/8" csg gun as per attached schedule.
3. PU 7" X 3-1/2" packer on 3-1/2" tubing and TIH setting packer @ ±9,200'.
4. Acidize lower Green River perms 9,966-11,156' with 6,000 gals 15% HCl with additives and 10 gal. per 1000 scale inhibitor. (Please see attach schedule)
  - A. Displace acid with 3% KCl water.
  - B. Acid to be pumped at maximum rate possible @ 8000 psig maximum pressure.
  - C. All fluids to be heated to ±150°F.
5. Flow back acid load. Unseat pkr and POOH, laying down packer.
6. Rerun production equipment with TAC at 9,200'. Return well to production.

# PROPOSED PERFORATION SCHEDULE

MILES #1-35A4

## LOWER GREEN RIVER

9966	10561
9982	10569
9985	10580
9988	10587
9991	10593
10014	10668
10018	10686
10025	10703
10038	
10066	10724
10088	10731
	10735
10145	10740
10148	10746
10170	10750
10188	10755
10217	
	10795
10274	10805
10278	10809
10308	10815
10312	10858
10342	
10367	11006
	11021
10405	11030
10420	
10424	11106
10431	11117
10447	11122
10493	11127
	11156

36 ZONES, 56', 168 holes.

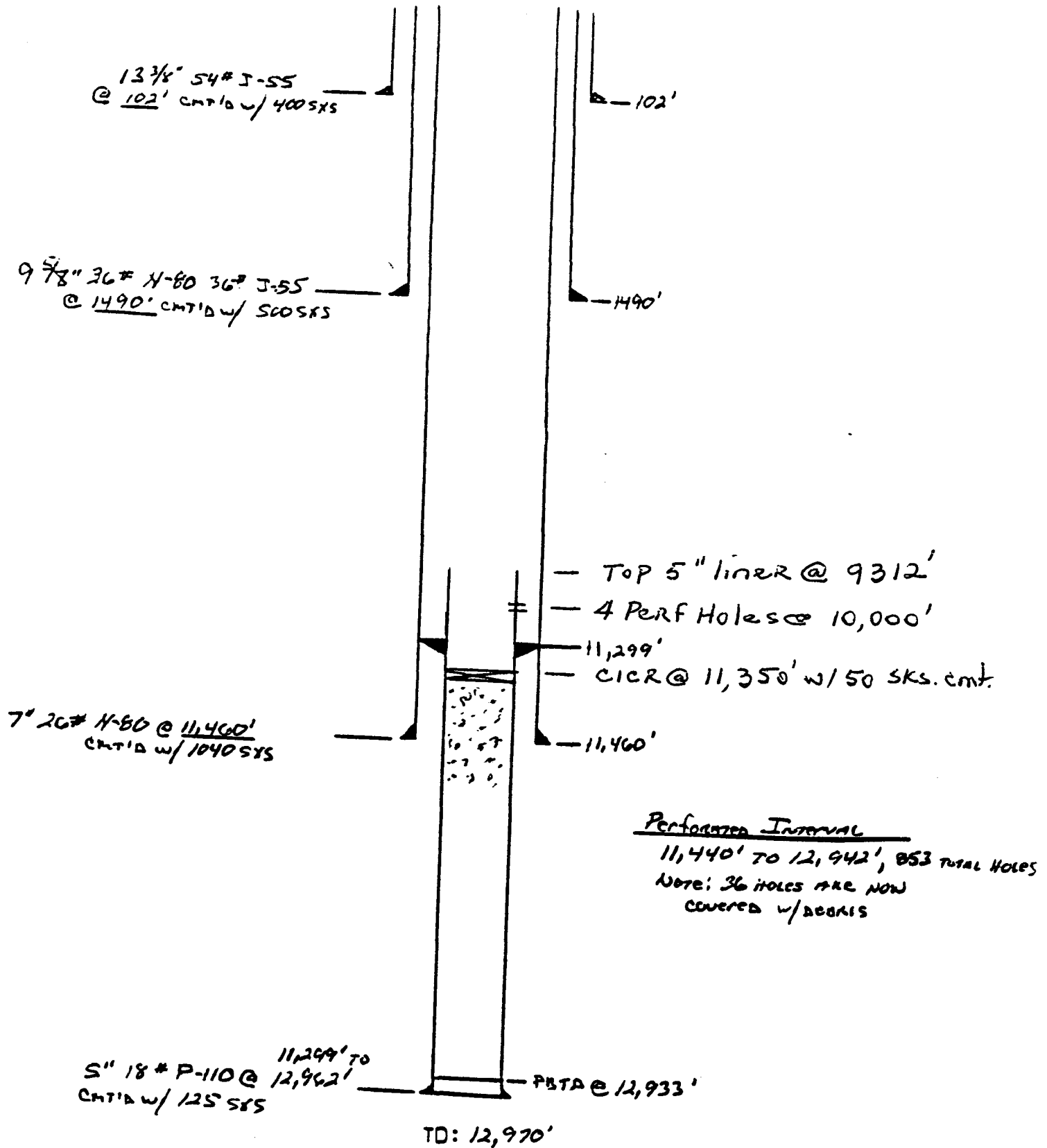
Depths have reference to Schlumberger's Gamma Ray-Sonic dated 02/06/70.

File: PSMILES.K

# PRESENT WELLBORE SCHEMATIC

Miles #1-35A4

S.C. Frutch



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

Fee

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

CA # 9618

8. Well Name and No.

Miles #1-35A4

9. API Well No.

43-013-30029

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well



Oil Well



Gas Well



Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1980' FNL & 1980' FEL

SW/NE Section 35-T1S-R4W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection

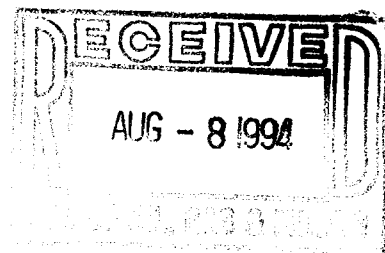


Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached chronological history for the recompletion procedure performed in the subject well.



14. I hereby certify that the foregoing is true and correct

Signed

*N.O. Shiflett*  
N.O. Shiflett

Title

District Drilling Manager

Date

08/05/94

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (RECOMPLETE LOWER GREEN RIVER)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 71.67969% ANR     AFE: 64969 R1

PAGE 8

6/12/94     RDMO, well on production.  
RIH w/Nat'l Oilwell 1 $\frac{3}{4}$ " pump, 8 - 1", 121 -  $\frac{3}{4}$ ", 121 -  $\frac{7}{8}$ ", 116 - 1"  
rods. PT 500#, good pump action. Well on production. CC: \$298,000

6/12/94     Pmpd 0 BO, 122 BLW, 0 MCF, 14 hrs.

6/13/94     Pmpd 5 BO, 292 BW, 4 MCF.  
RD rig, clean location.

6/14/94     Pmpd 0 BO, 165 BW, 37 MCF, 6.7 SPM.  
Ran dyno, FL @ 4340', pump efficiency 97%, SN @ 9255'. Will incr  
SPM to 9 SPM.

6/15/94     Pmpd 288 BO, 117 BW, 55 MCF, 9 SPM.

6/16/94     Pmpd 165 BO, 87 BW, 62 MCF.

6/17/94     Pmpd 124 BO, 151 BW, 36 MCF.

6/18/94     Pmpd 51 BO, 135 BW, 25 MCF.

6/19/94     Pmpd 83 BO, 75 BW, 28 MCF, 9 SPM.  
Will run dyno.

6/20/94     Pmpd 61 BO, 44 BW, 12 MCF, 9 SPM, 20 hrs.  
Ran dyno - well pmpd off, SN @ 9255'. Pump OK - pump efficiency  
41%. Place well on timer. Prior prod: 0 BO, 0 BW, 0 MCF. Final  
report.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (RECOMPLETE LOWER GREEN RIVER)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 71.67969% ANR AFE: 64969 R1

PAGE 7

- 6/1/94 RIH w/4 $\frac{1}{8}$ " drag bit.  
Drlg 199' of firm cmt @ 3819'-4018' w/stringers to 4070'. 5 hrs  
drlg. Run free to 4160'. Circ tbg clean. RD drlg equip. POOH to  
3663'. Filled hole & PT 7" to 2000#. Rls'd psi. POOH w/tbg.  
LDDC's & bit. RIH w/4 $\frac{1}{8}$ " drag bit, XO & 85 jts 2 $\frac{7}{8}$ ", EOT @ 2668'.  
CC: \$250,527
- 6/2/94 Displace hole w/clean treated wtr.  
RIH w/228 jts 2 $\frac{7}{8}$ " w/4 $\frac{1}{8}$ " drag bit. Tagged solid @ 9807'. DO 2'  
bridge. Run free to 10,837'. tagged soft fill. Drlg & CO 446' of  
drlg mud & fm from 10,837' to 11,283'. Circ clean. POOH w/20 jts.  
EOT @ 10,663'. PT 7" to 1500#/10 min. Rls'd psi. CC: \$253,670
- 6/3/94 Prep to perf.  
Displace hole w/400 bbls clean prod wtr w/scale inhibitor. POOH  
w/294 jts NL. LD 43 jts 2 $\frac{7}{8}$ " & 4 $\frac{1}{8}$ " bit. Prep to perf. CC: \$256,323
- 6/4-5/94 SD for weekend.
- 6/6/94 RIH w/pkr & 3 $\frac{1}{2}$ " tbg.  
RU OWP, run CCL & GR @ 9000'-11,279'. Perf Lower Green River w/3 $\frac{3}{8}$ "  
guns, 3 SPF, 56', 168 holes, 120° phasing @ 9,966'-11,156':
- | Run # | Interval        | Feet | Holes | FL   | PSI |
|-------|-----------------|------|-------|------|-----|
| 1     | 11,156'-10,731' | 19   | 57    | 650' | 0   |
| 2     | 10,724'-10,308' | 19   | 57    | 650' | 0   |
| 3     | 10,278'- 9,966' | 18   | 54    | 625' | 0   |
|       | Total           | 56   | 168   |      |     |
- RD OWP. RIH w/7" MSOT "HD" pkr, 2 $\frac{7}{8}$ ", SN & 91 jts 3 $\frac{1}{2}$ " 9.3# N-80 to  
2791'. CC: \$286,802
- 6/7/94 Prep to acidize.  
Continue PU 212 jts 3 $\frac{1}{2}$ " 9.3# N-80, set 7" HD pkr @ 9223' w/35,000#  
compression. PT pkr to 1000#. Prep to acidize. CC: \$290,905
- 6/8/94 Prep to acidize.  
MIRU acid stimulation equipment.
- 6/9/94 Check fluid level.  
RU Dowell. Acidized Lower Green River perfs @ 9,966'-11,156' (168  
holes) w/6000 gal 15% HCl w/rock salt, scale inhibitor & additives.  
MTP 6900#, ATP 4500#, MTR 21 BPM, ATR 11 BPM, 320 BLTR. Fair  
diversion. ISIP 1520#, 15 min SIP 1080#. RD Dowell. Flow back 73  
BLW/2 $\frac{1}{2}$  hrs & died. RU swab. IFL @ sfc, FFL @ 2000'. Rec 21 BO,  
130 BLW, FFL 2600'. 50% oil, 25 BPH feed-in rate, pH 4.0, 5 hrs  
swabbing. CC: \$298,000
- 6/10/94 Continue LD 3 $\frac{1}{2}$ " tbg.  
Made 1 swab run, FL @ 600', rec 3 BW, 9 BO. RD swab. Rls'd pkr @  
9223', rev circ out oil & gas w/100 BW. LD 217 jts 3 $\frac{1}{2}$ " 8rd.
- 6/11/94 Flush 2 $\frac{7}{8}$ ", prep to run pump.  
Continue LD 86 jts 3 $\frac{1}{2}$ " 8rd & pkr. RIH w/2 $\frac{7}{8}$ " solid plug, 4 $\frac{1}{8}$ " PBGA,  
mechanical SN w/21' x 1 $\frac{1}{4}$ " dip tube, 4' sub, SN, 2 jts 2 $\frac{7}{8}$ " N-80, 7"  
MSOT, AC, 16 jts 2 $\frac{7}{8}$ " T&C NL, 273 jts 2 $\frac{7}{8}$ " IJ NL. ND BOP, set AC @  
9038', SN @ 9255', EOT @ 9294'. Land w/20,000# tension. NU tree.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (RECOMPLETE LOWER GREEN RIVER)  
ALTAMONT FIELD  
DUCHESE COUNTY, UTAH  
WI: 71.67969% ANR     AFE: 64969 R1

PAGE 6

- 5/18/94     POOH w/bit.  
Rls'd 7" HD pkr @ 3540' & POOH. RIH w/drag bit & BHA. Tagged cmt @ 3600'. Drld soft cmt @ 3600'-3663'. firm cmt @ 3663'-3756'. RIH to 3764'. Drld 12' of cmt @ 3764'-3776'. 168' of cmt total/4½ hrs drlg. Run free to 4042'. Circ hole clean. POOH w/18 jts, EOT @ 3473'. Inj 2.3 BPM @ 1850#. CC: \$211,458
- 5/19/94     WOC.  
POOH w/bit. RIH w/7" MSOT HD pkr & 119 jts 2⅞". Set pkr @ 3785'. PT 7" to 2000#. dropped to 1200# in 5 min. Inj 2.3 BPM @ 1850# down 2⅞". Set pkr @ 3540'. PT 7" to 2000#. RU Halliburton. Est inj rate w/2.5 BPM @ 1830#. Pmpd 50 BFW @ 150°. 20 bbls 2% CaCl<sub>2</sub>. 10 BFW, 250 sx Thixotropic cmt (Premium Plus w/12% Cal Seal & 3% CaCl<sub>2</sub>), 14.6 ppg. Displace w/27.5 BW. Staged & sqz'd to 1200#. Rls'd pkr & rev out tbq w/35 BW return (no cmt). Reset pkr. pressure tbq to 1200# & SI. CC: \$220,320
- 5/20-22/94     WOC.
- 5/23/94     Continue drlg cmt.  
SITP 0#. Rls'd & POOH w/pkr. RIH w/6⅞" drag bit, BHA & 114 jts 2⅞". PT well to 2000#. RU drlg equip. Tagged solid cmt @ 3734'. Drlg 176' of cmt @ 3734'-3910'/6 hrs drlg. Circ tbq clean & PU 40' off btm. PT @ 3787' to 2000#. lost 250# to 1750# in 5 mins. Previous test @ 3785' on 5/19/94. lost 800# in 5 mins. CC: \$223,623
- 5/24/94     RIH w/7" pkr to check for inflow.  
Drld 115' of solid cmt @ 3910'-4025' w/stringers to 4040'/4 hrs. Run to 4061' free. Circ tbq clean. RD drlg equip. Pressure up 7" to 2000#, lost 550# to 1450# in 5 min, 750# to 1250# in 10 mins. Rls'd psi. POOH w/bit. CC: \$226,815
- 5/25/94     Prep to re-squeeze.  
RIH w/7" MSOT "HD" pkr. SN. XO & 115 jts 2⅞". Set pkr @ 3663'. RU swab equip. IFL @ sfc. FFL @ 1800'. Swabbed FL to SN & rec 22 BW. Made six 1-hr runs, rec 27.8 BW over tbq volume, rec 49 BW total. Final entry rate 8.9 BPH. RD swab. Filled tbq. Est inj rate 2.5 BPM @ 1800#. Rls'd psi. CC: \$230,312
- 5/26/94     WOC.  
Rls'd pkr @ 3663', moved up 4 jts & reset @ 3540'. PT 7" to 2000#. RU Halliburton to 2⅞" & 7". Pmpd 50 BFW (inj rate 3 BPM @ 1800#). 20 bbls 10% CaCl<sub>2</sub>, 5 BFW, 25 bbls FloCheck, 5 BFW, 300 sx Premium Plus cmt w/12% Cal Seal & 3% CaCl<sub>2</sub> = 82 bbls 14.6 ppg Thixotropic slurry, displaced w/23¾ BW. Obtained walking sqz to 2000#. Rls'd pkr. rev out clean w/35 BW (small amt of cmt). POOH w/10 jts, reset pkr @ 3230'. Pressure up tbq to 2000# & SI. RD Halliburton. CC: \$244,097
- 5/27/94     Prep to pull pkr & drill out squeeze.  
WOC.
- 5/28-30/94     SD for weekend & holiday.
- 5/31/94     Drlg cmt.  
Rls'd pkr & POOH w/6⅞" drag bit. Tagged cmt @ 3564'. Drlg 41' of soft cmt @ 3564'-3605'. 214' of firm cmt @ 3605'-3819' (255' of cmt total/6 hrs drlg). Circ tbq clean. PT @ 3787' to 2000#. lost 475# to 1525# in 10 min. CC: \$247,795



THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (RECOMPLETE LOWER GREEN RIVER)

PAGE 5

ALTAMONT FIELD

DUCHESNE COUNTY, UTAH

WI: 71.67969% ANR AFE: 64969 R1

TD: 12,970' PBDT: 11,390'

5" LINER @ 9,312'-12,962'

PERFS: 9.966'-11.156' (LGR)

CWC(M\$): 271.5

- 5/4/94 POOH w/2 $\frac{7}{8}$ " tbg.  
RU workover rig. POOH w/rods. ND WH, NU 6" BOP. Prep to pull tbg.  
CC: \$171,598
- 5/5/94 Continue RIH w/csg scraper.  
POOH w/2 $\frac{7}{8}$ ". RIH w/7" csg scraper & 2 $\frac{7}{8}$ " tbg to 7030'. Circ 70 BW.  
Continue RIH to 8897'. Circ 110 BW. CC: \$173,826
- 5/6/94 Looking for csg leak.  
RIH w/12 jts 2 $\frac{7}{8}$ ". Tagged solid @ 9262'. Rev circ out sm amt of  
drlg mud. Circ 200 BW, returns clean. POOH w/7" csg scraper. RIH  
w/7" MSOT "HD" pkr to 5031', set pkr. Est inj rate of 2.6 BPM @  
1300# on annulus. Pressure up 2 $\frac{7}{8}$ " to 2000#, lost to 1450# in 10  
mins. Set pkr @ 9208'. PT 2 $\frac{7}{8}$ " to 2000#, held. CC: \$177,904
- 5/7-8/94 SD for weekend.
- 5/9/94 Attempt to est circ thru csg leak.  
PT tbg to 2000#, lost to 1900# in 5 min @ 3970'. Suspect rough csg.  
Isolated 7" csg leak between 3970'-3662' (308'). Inj rate 2.8 BPM @  
1575#. Dug out cellar to 9 $\frac{5}{8}$ " csg valve. CC: \$181,861
- 5/10/94 WOC.  
Pkr set @ 3662'. Pmpd down 2 $\frac{7}{8}$ ", gained circ out 9 $\frac{5}{8}$ ". Pmpd 185 BW  
@ 160° (total), circ out 150 BW, drlg mud & fmn. POOH w/7" pkr. ND  
BOP, NU Halliburton cmt head. Pmpd 20 BFW, 200 sx Hi-Fill cmt (11  
ppg), 115 sx Premium Plus cmt (15.6 ppg), w/2% CaCl<sub>2</sub> Tail. Dropped  
plug and displace w/136 BW to 3560' (leak @ 3662'-3970'). RD  
Halliburton. Circ out 9 $\frac{5}{8}$ " thru job - had good circ w/no cmt to sfc.  
WOC. CC: \$192,184
- 5/11/94 WOC.
- 5/12/94 Drlg cmt.  
ND cmt head, NU BOP. PU tooth bit, 4 - 4 $\frac{1}{2}$ " OD DC's. RIH w/104 jts  
2 $\frac{7}{8}$ ". Tagged soft cmt @ 3462'. Drlg soft cmt 3462'-3492'. Drlg  
wiper plug & hard cmt 3492'-3535'. Made 73 $\frac{1}{4}$  hrs. Circ hole  
clean. CC: \$196,118
- 5/13/94 POOH w/bit, prep to re-squeeze.  
Continue drlg cmt from 3535' to 3764' w/stringers to 3774'. Run to  
4005' (229' of cmt in 7 $\frac{1}{2}$  hrs drlg). Circ hole clean. POOH w/18  
jts to 3472'. Filled hole & est inj rate into leak @ 3662'-3970' @  
3.6 BPM @ 1200#. POOH w/80 jts 2 $\frac{7}{8}$ " to 925'. CC: \$198,783
- 5/14-15/94 SD for weekend.
- 5/16/94 WOC.  
POOH w/25 jts, BHA w/bit. RIH w/7" HD pkr, SN & 119 jts 2 $\frac{7}{8}$ ". Set  
pkr @ 3785'. Pmpd down 7" - no test. Set pkr @ 3724'. PT 7" 2000#.  
Set pkr @ 3540'. RU Halliburton. Pmpd 50 BFW @ 150°. 20 bbls 2%  
CaCl<sub>2</sub>, 10 BFW, 300 sx Premium Plus cmt w/2% CaCl<sub>2</sub>, 15.6 ppg slurry.  
Sqz'd to 2000#. Rls pkr & rev circ tbg clean w/60 BW. Reset pkr &  
pressure up 1000#. CC: \$208,211
- 5/17/94 Prep to release pkr.  
WOC 24-hrs.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

64969

WDC/Kami/fil  
FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

CA # 9618

8. Well Name and No.

Miles #1-35A4

9. API Well No.

43-013-30029

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1980' FNL & 1980' FEL

SW/NE Section 35-T1S-R4W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached chronological history for the recompletion procedure performed in the subject well.

RECEIVED  
AUG 8 1994

14. I hereby certify that the foregoing is true and correct

Signed

N.O. Shiflett

Title District Drilling Manager

Date

08/05/94

(This space for Federal or State use)

APPROVED BY

Title

Date

AUG 11 1994

Conditions of approval, if any:

**NOTED**

Tax Credit Form 15  
9/8/94

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

*M. J. Jami / J. J. J.*  
FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>Fee</b>
2. Name of Operator <b>ANR Production Company</b>	6. If Indian, Alottee or Tribe Name <b>N/A</b>
3. Address and Telephone No. <b>P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476</b>	7. If Unit or CA, Agreement Designation <b>CA # 9618</b>
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) <b>1980' FNL &amp; 1980' FEL SW/NE Section 35 - T1S - R4W</b>	8. Well Name and No. <b>Miles #1-35A4</b>
	9. API Well No. <b>43-013-30029</b>
	10. Field and Pool, Or Exploratory Area <b>Altamont</b>
	11. County or Parish, State <b>Duchesne Co., UT</b>

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached chronological history describing the unsuccessful operations to recover the 5-1/2" tieback string and recompleting the Lower Green River. Operations were suspended due to excessive costs. The well is presently being evaluated for further remedial work to recomplete the Lower Green River.

RECEIVED  
MAR 30 1994

14. I hereby certify that the foregoing is true and correct		
Signed <i>Joe Adamski</i> <b>Joe Adamski</b>	Title <b>Environmental Coordinator</b>	Date <b>03/29/94</b>
(This space for Federal or State office use)		
APPROVED BY <b>NOTED</b>	Title	Date <b>APR 11 1994</b>
Conditions of approval, if any:		

*Tax credit* *Komls*  
*9/8/94*

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (RECOMPLETE LOWER GREEN RIVER)

PAGE 5

ALTAMONT FIELD

DUCHESNE COUNTY, UTAH

WI: 71.67969% ANR AFE: 64969 R1

TD: 12,970' PBD: 11,390'

5" LINER @ 9,312'-12,962'

PERFS: 9,966'-11,156' (LGR)

CWC(M\$): 271.5

- 5/4/94 POOH w/2 $\frac{1}{8}$ " tbg.  
RU workover rig. POOH w/rods. ND WH, NU 6" BOP. Prep to pull tbg.  
CC: \$171,598
- 5/5/94 Continue RIH w/csg scraper.  
POOH w/2 $\frac{1}{8}$ ". RIH w/7" csg scraper & 2 $\frac{1}{8}$ " tbg to 7030'. Circ 70 BW.  
Continue RIH to 8897'. Circ 110 BW. CC: \$173,826
- 5/6/94 Looking for csg leak.  
RIH w/12 jts 2 $\frac{1}{8}$ ". Tagged solid @ 9262'. Rev circ out sm amt of  
drlg mud. Circ 200 BW, returns clean. POOH w/7" csg scraper. RIH  
w/7" MSOT "HD" pkr to 5031', set pkr. Est inj rate of 2.6 BPM @  
1300# on annulus. Pressure up 2 $\frac{1}{8}$ " to 2000#, lost to 1450# in 10  
mins. Set pkr @ 9208'. PT 2 $\frac{1}{8}$ " to 2000#, held. CC: \$177,904
- 5/7-8/94 SD for weekend.
- 5/9/94 Attempt to est circ thru csg leak.  
PT tbg to 2000#, lost to 1900# in 5 min @ 3970'. Suspect rough csg.  
Isolated 7" csg leak between 3970'-3662' (308'). Inj rate 2.8 BPM @  
1575#. Dug out cellar to 9 $\frac{1}{8}$ " csg valve. CC: \$181,861
- 5/10/94 WOC.  
Pkr set @ 3662'. Pmpd down 2 $\frac{1}{8}$ ", gained circ out 9 $\frac{1}{8}$ ". Pmpd 185 BW  
@ 160° (total), circ out 150 BW, drlg mud & fm. POOH w/7" pkr. ND  
BOP, NU Halliburton cmt head. Pmpd 20 BFW, 200 sx Hi-Fill cmt (11  
ppg), 115 sx Premium Plus cmt (15.6 ppg), w/2% CaCl<sub>2</sub> Tail. Dropped  
plug and displace w/136 BW to 3560' (leak @ 3662'-3970'). RD  
Halliburton. Circ out 9 $\frac{1}{8}$ " thru job - had good circ w/no cmt to sfc.  
WOC. CC: \$192,184
- 5/11/94 WOC.
- 5/12/94 Drlg cmt.  
ND cmt head, NU BOP. PU tooth bit, 4 - 4 $\frac{1}{4}$ " OD DC's. RIH w/104 jts  
2 $\frac{1}{8}$ ". Tagged soft cmt @ 3462'. Drlg soft cmt 3462'-3492'. Drlg  
wiper plug & hard cmt 3492'-3535'. Made 73 $\frac{1}{4}$  hrs. Circ hole  
clean. CC: \$196,118
- 5/13/94 POOH w/bit, prep to re-squeeze.  
Continue drlg cmt from 3535' to 3764' w/stringers to 3774'. Run to  
4005' (229' of cmt in 7 $\frac{1}{2}$  hrs drlg). Circ hole clean. POOH w/18  
jts to 3472'. Filled hole & est inj rate into leak @ 3662'-3970' @  
3.6 BPM @ 1200#. POOH w/80 jts 2 $\frac{1}{8}$ " to 925'. CC: \$198,783
- 5/14-15/94 SD for weekend.
- 5/16/94 WOC.  
POOH w/25 jts, BHA w/bit. RIH w/7" HD pkr, SN & 119 jts 2 $\frac{1}{8}$ ". Set  
pkr @ 3785'. Pmpd down 7" - no test. Set pkr @ 3724'. PT 7" 2000#.  
Set pkr @ 3540'. RU Halliburton. Pmpd 50 BFW @ 150°. 20 bbls 2%  
CaCl<sub>2</sub>, 10 BFW, 300 sx Premium Plus cmt w/2% CaCl<sub>2</sub>, 15.6 ppg slurry.  
Sqz'd to 2000#. Rls pkr & rev circ tbg clean w/60 BW. Reset pkr &  
pressure up 1000#. CC: \$208,211
- 5/17/94 Prep to release pkr.  
WOC 24-hrs.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (RECOMPLETE LOWER GREEN RIVER)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 71.67969% ANR    AFE: 64969 R1

PAGE 6

- 5/18/94    POOH w/bit.  
Rls'd 7" HD pkr @ 3540' & POOH. RIH w/drag bit & BHA. Tagged cmt @ 3600'. Drld soft cmt @ 3600'-3663', firm cmt @ 3663'-3756'. RIH to 3764'. Drld 12' of cmt @ 3764'-3776', 168' of cmt total/4½ hrs drlg. Run free to 4042'. Circ hole clean. POOH w/18 jts. EOT @ 3473'. Inj 2.3 BPM @ 1850#. CC: \$211,458
- 5/19/94    WOC.  
POOH w/bit. RIH w/7" MSOT HD pkr & 119 jts 2⅞". Set pkr @ 3785'. PT 7" to 2000#, dropped to 1200# in 5 min. Inj 2.3 BPM @ 1850# down 2⅞". Set pkr @ 3540'. PT 7" to 2000#. RU Halliburton. Est inj rate w/2.5 BPM @ 1830#. Pmpd 50 BFW @ 150°. 20 bbls 2% CaCl<sub>2</sub>. 10 BFW. 250 sx Thixotropic cmt (Premium Plus w/12% Cal Seal & 3% CaCl<sub>2</sub>). 14.6 ppg. Displace w/27.5 BW. Staged & sqz'd to 1200#. Rls'd pkr & rev out tbg w/35 BW return (no cmt). Reset pkr. pressure tbg to 1200# & SI. CC: \$220,320
- 5/20-22/94    WOC.
- 5/23/94    Continue drlg cmt.  
SITP 0#. Rls'd & POOH w/pkr. RIH w/6⅞" drag bit. BHA & 114 jts 2⅞". PT well to 2000#. RU drlg equip. Tagged solid cmt @ 3734'. Drlg 176' of cmt @ 3734'-3910'/6 hrs drlg. Circ tbg clean & PU 40' off btm. PT @ 3787' to 2000#, lost 250# to 1750# in 5 mins. Previous test @ 3785' on 5/19/94, lost 800# in 5 mins. CC: \$223,623
- 5/24/94    RIH w/7" pkr to check for inflow.  
Drld 115' of solid cmt @ 3910'-4025' w/stringers to 4040'/4 hrs. Run to 4061' free. Circ tbg clean. RD drlg equip. Pressure up 7" to 2000#, lost 550# to 1450# in 5 min. 750# to 1250# in 10 mins. Rls'd psi. POOH w/bit. CC: \$226,815
- 5/25/94    Prep to re-squeeze.  
RIH w/7" MSOT "HD" pkr. SN, XO & 115 jts 2⅞". Set pkr @ 3663'. RU swab equip. IFL @ sfc. FFL @ 1800'. Swabbed FL to SN & rec 22 BW. Made six 1-hr runs, rec 27.8 BW over tbg volume, rec 49 BW total. Final entry rate 8.9 BPH. RD swab. Filled tbg. Est inj rate 2.5 BPM @ 1800#. Rls'd psi. CC: \$230,312
- 5/26/94    WOC.  
Rls'd pkr @ 3663', moved up 4 jts & reset @ 3540'. PT 7" to 2000#. RU Halliburton to 2⅞" & 7". Pmpd 50 BFW (inj rate 3 BPM @ 1800#). 20 bbls 10% CaCl<sub>2</sub>. 5 BFW. 25 bbls FloCheck. 5 BFW. 300 sx Premium Plus cmt w/12% Cal Seal & 3% CaCl<sub>2</sub> = 82 bbls 14.6 ppg Thixotropic slurry, displaced w/23⅜ BW. Obtained walking sqz to 2000#. Rls'd pkr, rev out clean w/35 BW (small amt of cmt). POOH w/10 jts, reset pkr @ 3230'. Pressure up tbg to 2000# & SI. RD Halliburton. CC: \$244,097
- 5/27/94    Prep to pull pkr & drill out squeeze.  
WOC.
- 5/28-30/94    SD for weekend & holiday.
- 5/31/94    Drlg cmt.  
Rls'd pkr & POOH w/6⅞" drag bit. Tagged cmt @ 3564'. Drlg 41' of soft cmt @ 3564'-3605', 214' of firm cmt @ 3605'-3819' (255' of cmt total/6 hrs drlg). Circ tbg clean. PT @ 3787' to 2000#, lost 475# to 1525# in 10 min. CC: \$247,795

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (RECOMPLETE LOWER GREEN RIVER)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 71.67969% ANR AFE: 64969 R1

PAGE 7

- 6/1/94 RIH w/4 1/8" drag bit.  
Drlg 199' of firm cmt @ 3819'-4018' w/stringers to 4070'. 5 hrs  
drlg. Run free to 4160'. Circ tbg clean. RD drlg equip. POOH to  
3663'. Filled hole & PT 7" to 2000#. Rls'd psi. POOH w/tbg.  
LDDC's & bit. RIH w/4 1/8" drag bit. XO & 85 jts 2 7/8". EOT @ 2668'.  
CC: \$250,527
- 6/2/94 Displace hole w/clean treated wtr.  
RIH w/228 jts 2 7/8" w/4 1/8" drag bit. Tagged solid @ 9807'. DO 2'  
bridge. Run free to 10,837'. tagged soft fill. Drlg & CO 446' of  
drlg mud & fm from 10,837' to 11,283'. Circ clean. POOH w/20 jts.  
EOT @ 10,663'. PT 7" to 1500#/10 min. Rls'd psi. CC: \$253,670
- 6/3/94 Prep to perf.  
Displace hole w/400 bbls clean prod wtr w/scale inhibitor. POOH  
w/294 jts NL. LD 43 jts 2 7/8" & 4 1/8" bit. Prep to perf. CC: \$256,323
- 6/4-5/94 SD for weekend.
- 6/6/94 RIH w/pkr & 3 1/2" tbg.  
RU OWP. run CCL & GR @ 9000'-11,279'. Perf Lower Green River w/3 1/8"  
guns. 3 SPF, 56', 168 holes. 120° phasing @ 9,966'-11,156':
- | Run # | Interval        | Feet | Holes | FL   | PSI |
|-------|-----------------|------|-------|------|-----|
| 1     | 11,156'-10,731' | 19   | 57    | 650' | 0   |
| 2     | 10,724'-10,308' | 19   | 57    | 650' | 0   |
| 3     | 10,278'- 9,966' | 18   | 54    | 625' | 0   |
| Total |                 | 56   | 168   |      |     |
- RD OWP. RIH w/7" MSOT "HD" pkr, 2 7/8". SN & 91 jts 3 1/2" 9.3# N-80 to  
2791'. CC: \$286,802
- 6/7/94 Prep to acidize.  
Continue PU 212 jts 3 1/2" 9.3# N-80, set 7" HD pkr @ 9223' w/35,000#  
compression. PT pkr to 1000#. Prep to acidize. CC: \$290,905
- 6/8/94 Prep to acidize.  
MIRU acid stimulation equipment.
- 6/9/94 Check fluid level.  
RU Dowell. Acidized Lower Green River perfs @ 9,966'-11,156' (168  
holes) w/6000 gal 15% HCl w/rock salt, scale inhibitor & additives.  
MTP 6900#, ATP 4500#. MTR 21 BPM, ATR 11 BPM, 320 BLTR. Fair  
diversion. ISIP 1520#, 15 min SIP 1080#. RD Dowell. Flow back 73  
BLW/2 1/2 hrs & died. RU swab. IFL @ sfc, FFL @ 2000'. Rec 21 BO.  
130 BLW, FFL 2600', 50% oil, 25 BPH feed-in rate, pH 4.0, 5 hrs  
swabbing. CC: \$298,000
- 6/10/94 Continue LD 3 1/2" tbg.  
Made 1 swab run, FL @ 600'. rec 3 BW, 9 BO. RD swab. Rls'd pkr @  
9223', rev circ out oil & gas w/100 BW. LD 217 jts 3 1/2" 8rd.
- 6/11/94 Flush 2 7/8", prep to run pump.  
Continue LD 86 jts 3 1/2" 8rd & pkr. RIH w/2 7/8" solid plug, 4 1/8" PBGA,  
mechanical SN w/21' x 1 1/4" dip tube, 4' sub, SN, 2 jts 2 7/8" N-80, 7"  
MSOT, AC, 16 jts 2 7/8" T&C NL, 273 jts 2 7/8" IJ NL. ND BOP, set AC @  
9038', SN @ 9255', EOT @ 9294'. Land w/20,000# tension. NU tree.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (RECOMPLETE LOWER GREEN RIVER)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 71.67969% ANR     AFE: 64969 R1

PAGE 8

6/12/94     RDMO. well on production.  
RIH w/Nat'l Oilwell 1 3/4" pump, 8 - 1", 121 - 3/4", 121 - 7/8", 116 - 1"  
rods. PT 500#. good pump action. Well on production. CC: \$298,000

6/12/94     Pmpd 0 BO, 122 BLW, 0 MCF, 14 hrs.

6/13/94     Pmpd 5 BO, 292 BW, 4 MCF.  
RD rig, clean location.

6/14/94     Pmpd 0 BO, 165 BW, 37 MCF, 6.7 SPM.  
Ran dyno, FL @ 4340', pump efficiency 97%, SN @ 9255'. Will incr  
SPM to 9 SPM.

6/15/94     Pmpd 288 BO, 117 BW, 55 MCF, 9 SPM.

6/16/94     Pmpd 165 BO, 87 BW, 62 MCF.

6/17/94     Pmpd 124 BO, 151 BW, 36 MCF.

6/18/94     Pmpd 51 BO, 135 BW, 25 MCF.

6/19/94     Pmpd 83 BO, 75 BW, 28 MCF, 9 SPM.  
Will run dyno.

6/20/94     Pmpd 61 BO, 44 BW, 12 MCF, 9 SPM, 20 hrs.  
Ran dyno - well pmpd off, SN @ 9255'. Pump OK - pump efficiency  
41%. Place well on timer. Prior prod: 0 BO, 0 BW, 0 MCF. Final  
report.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. CENVR. ☐ Other ☐

2. NAME OF OPERATOR

ANR Production Company

3. ADDRESS OF OPERATOR

P.O.Box 749, Denver, CO 80201-0749 (303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1980' FNL & 1980' FEL

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

43-013-30029

DATE ISSUED

11/69

15. DATE SPUDDED

12/1/69

16. DATE T.D. REACHED

N/A

17. DATE COMPL. (Ready to prod.)

6/12/94

18. ELEVATIONS (OF. RKB. AT. CR. ETC.)\*

6378 GR

20. TOTAL DEPTH, MD & TVD

12,970'

21. PLUG. BACK T.D., MD & TVD

11,390'

22. IF MULTIPLE COMPL., HOW MANY\*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

TD

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

9,966' - 11,156' Lower Green River

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CCL-GR

27. WAS WELL CORED

28.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54	102' GL	17 1/2"	400 SX	
9-5/8"	36	1,490'	12 1/4"	500 SX	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)
7"		11,460'	1040	
5"	11,299'	12,962'	125	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	9294'	

31. PERFORATION RECORD (Interval, size and number)

9,966' - 11,156' (168 holes), 3 SPF  
Perf'd Lower Green River

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9966'-11156'	6,000 gal. 15% HCL w/rock salt, scale inhibitor, additives

33.

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
6/20/94		pumping					producing	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
6/20/94	24		→	61	12	44		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
500	2000	→						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Chronological history

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*Dennis J. ...*

TITLE

*Environmental Analyst*

DATE

9/1/94

\*(See Instructions and Spaces for Additional Data on Reverse Side)



37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (RECOMPLETE LOWER GREEN RIVER)

PAGE 5

ALTAMONT FIELD

DUCHESNE COUNTY, UTAH

WI: 71.67969% ANR AFE: 64969 RI

TD: 12,970' PBD: 11,390'

5" LINER @ 9,312'-12,962'

PERFS: 9,966'-11,156' (LGR)

CWC(M\$): 271.5

- 5/4/94 POOH w/2 7/8" tbg.  
RU workover rig. POOH w/rods. ND WH. NU 6" BOP. Prep to pull tbg.  
CC: \$171,598
- 5/5/94 Continue RIH w/csg scraper.  
POOH w/2 7/8". RIH w/7" csg scraper & 2 7/8" tbg to 7030'. Circ 70 BW.  
Continue RIH to 8897'. Circ 110 BW. CC: \$173,826
- 5/6/94 Looking for csg leak.  
RIH w/12 jts 2 7/8". Tagged solid @ 9262'. Rev circ out sm amt of  
drlg mud. Circ 200 BW, returns clean. POOH w/7" csg scraper. RIH  
w/7" MSOT "HD" pkr to 5031'. set pkr. Est inj rate of 2.6 BPM @  
1300# on annulus. Pressure up 2 7/8" to 2000#. lost to 1450# in 10  
mins. Set pkr @ 9208'. PT 2 7/8" to 2000#. held. CC: \$177,904
- 5/7-8/94 SD for weekend.
- 5/9/94 Attempt to est circ thru csg leak.  
PT tbg to 2000#. lost to 1900# in 5 min @ 3970'. Suspect rough csg.  
Isolated 7" csg leak between 3970'-3662' (308'). Inj rate 2.8 BPM @  
1575#. Dug out cellar to 9 5/8" csg valve. CC: \$181,861
- 5/10/94 WOC.  
Pkr set @ 3662'. Pmpd down 2 7/8". gained circ out 9 5/8". Pmpd 185 BW  
@ 160° (total). circ out 150 BW. drlg mud & fmn. POOH w/7" pkr. ND  
BOP. NU Halliburton cmt head. Pmpd 20 BFW, 200 sx Hi-Fill cmt (11  
ppg). 115 sx Premium Plus cmt (15.6 ppg). w/2% CaCl<sub>2</sub> Tail. Dropped  
plug and displace w/136 BW to 3560' (leak @ 3662'-3970'). RD  
Halliburton. Circ out 9 5/8" thru job - had good circ w/no cmt to sfc.  
WOC. CC: \$192,184
- 5/11/94 WOC.
- 5/12/94 Drlg cmt.  
ND cmt head. NU BOP. PU tooth bit, 4 - 4 3/4" OD DC's. RIH w/104 jts  
2 7/8". Tagged soft cmt @ 3462'. Drlg soft cmt 3462'-3492'. Drlg  
wiper plug & hard cmt 3492'-3535'. Made 73 3/4 hrs. Circ hole  
clean. CC: \$196,118
- 5/13/94 POOH w/bit, prep to re-squeeze.  
Continue drlg cmt from 3535' to 3764' w/stringers to 3774'. Run to  
4005' (229' of cmt in 7 1/2 hrs drlg). Circ hole clean. POOH w/18  
jts to 3472'. Filled hole & est inj rate into leak @ 3662'-3970' @  
3.6 BPM @ 1200#. POOH w/80 jts 2 7/8" to 925'. CC: \$198,783
- 5/14-15/94 SD for weekend.
- 5/16/94 WOC.  
POOH w/25 jts. BHA w/bit. RIH w/7" HD pkr. SN & 119 jts 2 7/8". Set  
pkr @ 3785'. Pmpd down 7" - no test. Set pkr @ 3724'. PT 7" 2000#.  
Set pkr @ 3540'. RU Halliburton. Pmpd 50 BFW @ 150°, 20 bbls 2%  
CaCl<sub>2</sub>. 10 BFW, 300 sx Premium Plus cmt w/2% CaCl<sub>2</sub>. 15.6 ppg slurry.  
Sqz'd to 2000#. Rls pkr & rev circ tbg clean w/60 BW. Reset pkr &  
pressure up 1000#. CC: \$208,211
- 5/17/94 Prep to release pkr.  
WOC 24-hrs.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (RECOMPLETE LOWER GREEN RIVER)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 71.67969% ANR AFE: 64969 R1

PAGE 6

- 5/18/94 POOH w/bit.  
Rls'd 7" HD pkr @ 3540' & POOH. RIH w/drag bit & BHA. Tagged cmt @ 3600'. Drld soft cmt @ 3600'-3663'. firm cmt @ 3663'-3756'. RIH to 3764'. Drld 12' of cmt @ 3764'-3776'. 168' of cmt total/4 1/2 hrs drlg. Run free to 4042'. Circ hole clean. POOH w/18 jts. EOT @ 3473'. Inj 2.3 BPM @ 1850#. CC: \$211,458
- 5/19/94 WOC.  
POOH w/bit. RIH w/7" MSOT HD pkr & 119 jts 2 3/4". Set pkr @ 3785'. PT 7" to 2000#. dropped to 1200# in 5 min. Inj 2.3 BPM @ 1850# down 2 3/4". Set pkr @ 3540'. PT 7" to 2000#. RU Halliburton. Est inj rate w/2.5 BPM @ 1830#. Pmpd 50 BFW @ 150°. 20 bbls 2% CaCl<sub>2</sub>. 10 BFW. 250 sx Thixotropic cmt (Premium Plus w/12% Cal Seal & 3% CaCl<sub>2</sub>). 14.6 ppg. Displace w/27.5 BW. Staged & sqz'd to 1200#. Rls'd pkr & rev out tbg w/35 BW return (no cmt). Reset pkr. pressure tbg to 1200# & SI. CC: \$220,320
- 5/20-22/94 WOC.
- 5/23/94 Continue drlg cmt.  
SITP 0#. Rls'd & POOH w/pkr. RIH w/6 1/2" drag bit. BHA & 114 jts 2 3/4". PT well to 2000#. RU drlg equip. Tagged solid cmt @ 3734'. Drlg 176' of cmt @ 3734'-3910'/6 hrs drlg. Circ tbg clean & PU 40' off btm. PT @ 3787' to 2000#. lost 250# in 5 mins. Previous test @ 3785' on 5/19/94. lost 800# in 5 mins. CC: \$223,623
- 5/24/94 RIH w/7" pkr to check for inflow.  
Drld 115' of solid cmt @ 3910'-4025' w/stringers to 4040'/4 hrs. Run to 4061' free. Circ tbg clean. RD drlg equip. Pressure up 7" to 2000#. lost 550# to 1450# in 5 min. 750# to 1250# in 10 mins. Rls'd psi. POOH w/bit. CC: \$226,815
- 5/25/94 Prep to re-squeeze.  
RIH w/7" MSOT "HD" pkr. SN. XO & 115 jts 2 3/4". Set pkr @ 3663'. RU swab equip. IFL @ sfc. FFL @ 1800'. Swabbed FL to SN & rec 22 BW. Made six 1-hr runs. rec 27.8 BW over tbg volume. rec 49 BW total. Final entry rate 8.9 BPH. RD swab. Filled tbg. Est inj rate 2.5 BPM @ 1800#. Rls'd psi. CC: \$230,312
- 5/26/94 WOC.  
Rls'd pkr @ 3663'. moved up 4 jts & reset @ 3540'. PT 7" to 2000#. RU Halliburton to 2 3/4" & 7". Pmpd 50 BFW (inj rate 3 BPM @ 1800#). 20 bbls 10% CaCl<sub>2</sub>. 5 BFW. 25 bbls FloCheck. 5 BFW. 300 sx Premium Plus cmt w/12% Cal Seal & 3% CaCl<sub>2</sub> = 82 bbls 14.6 ppg Thixotropic slurry. displaced w/23 3/4" BW. Obtained walking sqz to 2000#. Rls'd pkr. rev out clean w/35 BW (small amt of cmt). POOH w/10 jts. reset pkr @ 3230'. Pressure up tbg to 2000# & SI. RD Halliburton. CC: \$244,097
- 5/27/94 Prep to pull pkr & drill out squeeze.  
WOC.
- 5/28-30/94 SD for weekend & holiday.
- 5/31/94 Drlg cmt.  
Rls'd pkr & POOH w/6 1/2" drag bit. Tagged cmt @ 3564'. Drlg 41' of soft cmt @ 3564'-3605'. 214' of firm cmt @ 3605'-3819'. (255' of cmt total/6 hrs drlg). Circ tbg clean. PT @ 3787' to 2000#. lost 475# to 1525# in 10 min. CC: \$247,795

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (RECOMPLETE LOWER GREEN RIVER)

PAGE 7

ALTAMONT FIELD

DUCHESNE COUNTY, UTAH

WI: 71.67969% ANR AFE: 64969 RI

6/1/94 RIH w/4 1/8" drag bit.  
Drlg 199' of firm cmt @ 3819'-4018' w/stringers to 4070'. 5 hrs  
drlg. Run free to 4160'. Circ tbg clean. RD drlg equip. POOH to  
3663'. Filled hole & PT 7" to 2000#. Rls'd psi. POOH w/tbg.  
LDDC's & bit. RIH w/4 1/8" drag bit. XO & 85 jts 2 7/8". EOT @ 2668'.  
CC: \$250,527

6/2/94 Displace hole w/clean treated wtr.  
RIH w/228 jts 2 7/8" w/4 1/8" drag bit. Tagged solid @ 9807'. DO 2'  
bridge. Run free to 10,837'. tagged soft fill. Drlg & CO 446' of  
drlg mud & fm from 10,837' to 11,283'. Circ clean. POOH w/20 jts.  
EOT @ 10,663'. PT 7" to 1500#/10 min. Rls'd psi. CC: \$253,670

6/3/94 Prep to perf.  
Displace hole w/400 bbls clean prod wtr w/scale inhibitor. POOH  
w/294 jts NL. LD 43 jts 2 7/8" & 4 1/8" bit. Prep to perf. CC: \$256,323

6/4-5/94 SD for weekend.

6/6/94 RIH w/pkr & 3 1/2" tbg.  
RU OWP. run CCL & GR @ 9000'-11,279'. Perf Lower Green River w/3 1/2"  
guns. 3 SPF, 56', 168 holes. 120° phasing @ 9,966'-11,156':

Run #	Interval	Feet	Holes	FL	PSI
1	11,156'-10,731'	19	57	650'	0
2	10,724'-10,308'	19	57	650'	0
3	10,278'-9,966'	18	54	625'	0
Total		56	168		

RD OWP. RIH w/7" MSOT "HD" pkr. 2 7/8". SN & 91 jts 3 1/2" 9.3# N-80 to  
2791'. CC: \$286,802

6/7/94 Prep to acidize.  
Continue PU 212 jts 3 1/2" 9.3# N-80. set 7" HD pkr @ 9223' w/35,000#  
compression. PT pkr to 1000#. Prep to acidize. CC: \$290,905

6/8/94 Prep to acidize.  
MIRU acid stimulation equipment.

6/9/94 Check fluid level.  
RU Dowell. Acidized Lower Green River perfs @ 9,966'-11,156' (168  
holes) w/6000 gal 15% HCl w/rock salt, scale inhibitor & additives.  
MTP 6900#. ATP 4500#. MTR 21 BPM. ATR 11 BPM. 320 BLTR. Fair  
diversion. ISIP 1520#. 15 min SIP 1080#. RD Dowell. Flow back 73  
BLW/2 1/2 hrs & died. RU swab. IFL @ sfc. FFL @ 2000'. Rec 21 BO.  
130 BLW. FFL 2600'. 50% oil. 25 BPH feed-in rate. pH 4.0. 5 hrs  
swabbing. CC: \$298,000

6/10/94 Continue LD 3 1/2" tbg.  
Made 1 swab run. FL @ 600'. rec 3 BW. 9 BO. RD swab. Rls'd pkr @  
9223'. rev circ out oil & gas w/100 BW. LD 217 jts 3 1/2" 8rd.

6/11/94 Flush 2 7/8". prep to run pump.  
Continue LD 86 jts 3 1/2" 8rd & pkr. RIH w/2 7/8" solid plug. 4 1/8" PBGA.  
mechanical SN w/21' x 1 1/4" dip tube. 4' sub. SN. 2 jts 2 7/8" N-80. 7"  
MSOT. AC. 16 jts 2 7/8" T&C NL. 273 jts 2 7/8" IJ NL. ND BOP. set AC @  
9038'. SN @ 9255'. EOT @ 9294'. Land w/20,000# tension. NU tree.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MILES #1-35A4 (RECOMPLETE LOWER GREEN RIVER)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 71.67969% ANR AFE: 64969 R1

PAGE 8

6/12/94 RDMO. well on production.  
RIH w/Nat'l Oilwell 1 1/4" pump. 8 - 1", 121 - 3/4", 121 - 7/8", 116 - 1"  
rods. PT 500#. good pump action. Well on production. CC: \$298,000

6/12/94 Pmpd 0 BO. 122 BLW. 0 MCF. 14 hrs.

6/13/94 Pmpd 5 BO. 292 BW. 4 MCF.  
RD rig. clean location.

6/14/94 Pmpd 0 BO. 165 BW. 37 MCF. 6.7 SPM.  
Ran dyno. FL @ 4340'. pump efficiency 97%. SN @ 9255'. Will incr  
SPM to 9 SPM.

6/15/94 Pmpd 288 BO. 117 BW. 55 MCF. 9 SPM.

6/16/94 Pmpd 165 BO. 87 BW. 62 MCF.

6/17/94 Pmpd 124 BO. 151 BW. 36 MCF.

6/18/94 Pmpd 51 BO. 135 BW. 25 MCF.

6/19/94 Pmpd 83 BO. 75 BW. 28 MCF. 9 SPM.  
Will run dyno.

6/20/94 Pmpd 61 BO. 44 BW. 12 MCF. 9 SPM. 20 hrs.  
Ran dyno - well pmpd off. SN @ 9255'. Pump OK - pump efficiency  
41%. Place well on timer. Prior prod: 0 BO. 0 BW. 0 MCF. Final  
report.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB - 6 1995

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different location for oil, gas or mining.  
Use "APPLICATION FOR PERMIT" - for such proposals

Fee

Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

CA # 9618

8. Well Name and No.

Miles #1-35A4

9. AAPI Well No.

43-013-30029

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1980' FNL & 1980' FEL

SW/NE Section 35-T1S-R4W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached P&A procedure for the subject well.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 2/10/95

BY: J.M. Matthews

as per attached steps

14. I hereby certify that the foregoing is true and correct

Signed

N.O. Shiflett

Title

District Drilling Manager

Date

02/02/95

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

## PLUG AND ABANDONMENT

MILES #1-35A4  
Section 35-T1S-R4W  
Altamont Field  
Duchesne County, Utah

### WELL DATA

LOCATION: 1980' FWL 1980' FEL  
ELEVATION: 6378' GL 6396' KB  
TOTAL DEPTH: 12,970' 12,933' PBTB

CASING: 13-3/8" 54# J-55 ST&C @ 102' cmt'd w/400 sxs.  
9-5/8" 36# J-55 ST&C @ 1490' cmt'd w/500 sxs.  
7" 26# N-80 LT&C @ 11,460' cmt'd w/1040 sxs.  
5" 18# P-110 LT&C from 11,299'-12,962' cmt'd w/125 sxs.  
5" 18# P-110 (2 jts) & N-80 LT&C tie-back from 11,299'-9,312'  
uncemented.

PERFORATIONS: 11,440'-12,942', 853 total holes and 9,966'-11,156', 168 total holes

### TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity B/F</u>	<u>Burst Psi</u>	<u>Collapse Psi</u>
9-5/8" 36# J-55	8.921"	8.765"	.0773	3,520	2,020
7" 26# N-80	6.276"	6.151"	.0382	4,980	4,320
5" 18# P-110	4.276"	4.151"	.0177	13,940	13,450
5" 18# N-80	4.276"	4.151"	.0177	10,140	10,490
2-7/8" 6.5# N-80	2.441"	2.347"	.00579	10,570	11,160

### WELL HISTORY

05/70 Initial completion. Perforated 12,341' to 56', 12,543' to 75' and 12,910' to 42';  
4 SPF, 316 total holes. Flowed on a 3/4" chk w/a FTP of 176 psi, 1100 BOPD,  
0 BWPB, 596 MCFPB.

04/71 Perforated tubing only from 12,340'-12,352', 2 SPF, 24 holes.  
Production Prior: 665 BOPD Flwd  
Production After: 1134 BOPD Flwd

02/73 Install gas lift.  
Production Prior: 31 BOPD, 9 BWPB, 0 MCFPB  
Production After: 206 BOPD, 35 BWPB, 177 MCFPB

04/73 Perforated tubing only from 12,570'-12,580'. Acid wash w/coiled tbq w/1000  
gals 15% HCl. Acid treat w/5000 gals 15% HCl.  
Production Prior: 150 BOPD  
Production After: 300 BOPD

**WELL HISTORY**

- 09/75      Acidized w/4000 gals 15 % HCl, no increase in production.
- 04/79      Acidized w/4200 gals 15 % HCl.  
Production Prior: 0 BOPD, 135 BWP, 0 MCFPD  
Production After: 37 BOPD, 205 BWP, 17 MCFPD
- 12/79      Perforate 11,440'-12,945', 3 SPF, 537 total holes. Acidize all perforations (853 holes) w/50,000 gals 7-1/2 % HCl.  
Production Prior: 16 BOPD, 62 BWP, 8 MCFPD  
Production After: 45 BOPD, 255 BWP, 8 MCFPD
- 06/85      Installed hydraulic pump and acidize w/4200 gals 15 % HCl.  
Production Prior: 34 BOPD, 207 BWP, 29 MCFPD  
Production After: 50 BOPD, 180 BWP, 31 MCFPD
- 06/87      CO to 12,933', convert from csg free hydraulic to beam pump.  
Production Prior: 12 BOPD, 79 BWP, 6 MCFPD  
Production After: 60 BOPD, 346 BWP, 53 MCFPD
- 02/93      Acidized perforations from 11,440'-12,937' w/25,600 gals 15 % HCl.  
Production Prior: 10 BOPD, 65 BWP, 56 MCFPD  
Production After: 18 BOPD, 121 BWP, 77 MCFPD
- 06/94      Recomplete to Lower Green River formation. Perforate from 9,966'-11,156', 3 SPF, 168 total holes. Acidize perms from 9,966'-11,156' w/6000 gals 15 % HCl.  
Production Prior: 0  
Production After: 61 BOPD, 44 BWP, 12 MCFPD

**PRESENT STATUS:**

Shut-in uneconomic. Last production 10/16/94 5 BOPD, 20 BWP, 3 MCFPD.

**PROCEDURE:**

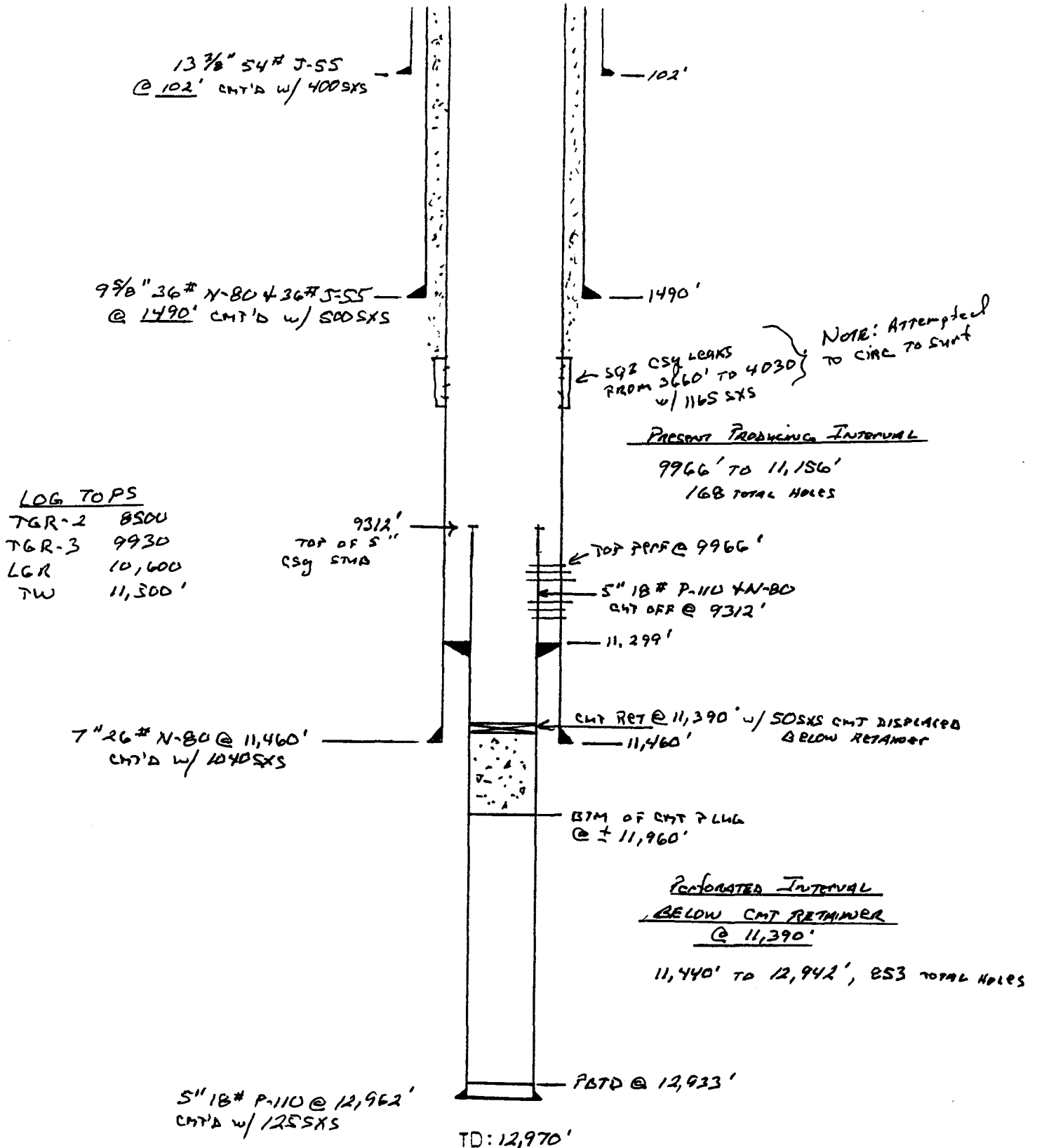
1. MIRU service rig. POOH and LD rods. Send rods in for inspection. NU BOPE. Rls TAC & POOH w/tubulars.
2. PU 7" 26# cmt ret on 2-7/8" tbg & RIH. Set ret @  $\pm 9300'$ . Unseat from ret & circ hole clean. Sting into ret & pmp 25 sxs cmt below retainer (btm of cmt @  $\pm 9430'$ ). Spot 10 sxs cmt on retainer (TOC @  $\pm 9250'$ ). Total plug  $\pm 180'$ .
3. Fill hole w/9.0# mud. TIH w/2-7/8" tubing to 1700'. Pump 60 sxs cmt (cmt plug 1700'-1440'). Total plug: 310'.
4. Press tst 13-3/8" x 9-5/8" annulus. If press leaks off, fill annulus w/cmt (102' to surf.) Fill 7" csg w/cmt from 150' to surf (approx. 30 sxs cmt).
5. Weld DHM to 7" csg w/necessary inscription. RDMO. Restore location as required.



# PRESENT WELLBORE SCHEMATIC

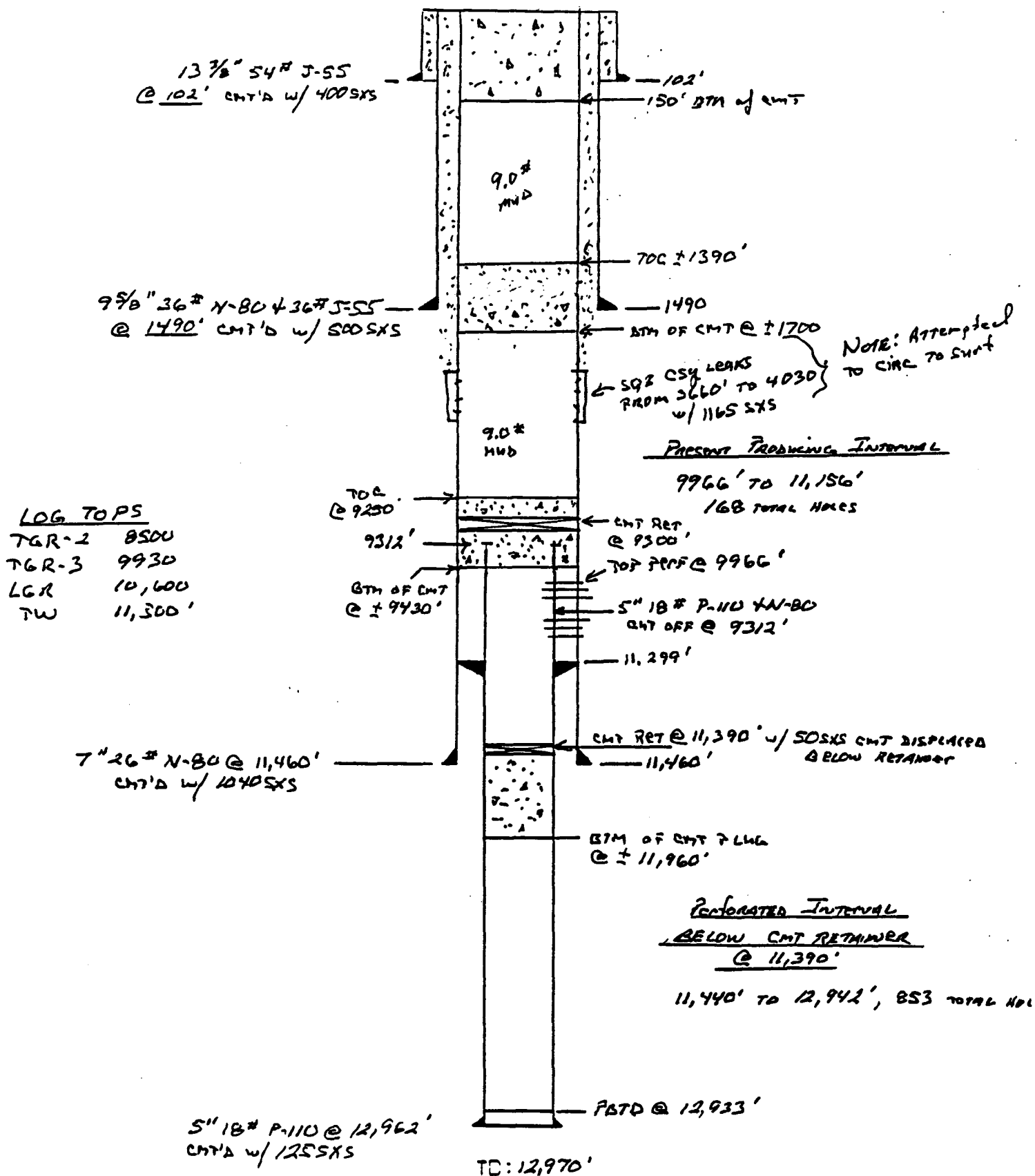
Miles #1-35A4  
Sec 3S, T1S, R4W

S.C. Frutch  
1/11/95



Miles #1-35A4  
 Sec 35, T1S, R4W  
PROPOSED A4A SCHEMATIC

SC. Frutch  
 1/11/95





State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

Plugging & Abandonment Stipulations

Miles #1-35A4  
Section 35, Township 01 South, Range 04 West  
Duchesne County, Utah  
API NO. 43-013-30029

1. Notify the "Division" 24 hours prior to beginning plugging operations.
2. In Step 3, 9 ppg. mud must be non-corrosive as per R649-3-24-3.4. POH to  $\pm 4000'$  pump balanced cement plug to 3550' and Tag Plug. This plug will cover the casing leak area as well as the Base of the Moderately Saline water. Continue with Step 3. Pump balanced cement plug at  $\pm 1550$  to  $\pm 1450$ , 100' plug across shoe of  $9\frac{5}{8}"$  casing.
3. Fill all annuli at the surface with cement to the surface.



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing: 6H

1-LEC-1-53
2-DTS-8-FILE
3-VLD
4-RPT
5-LEC
6-FILM

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-27-95)

TO (new operator)	<u>COASTAL OIL &amp; GAS CORP</u>	FROM (former operator)	<u>ANR PRODUCTION CO INC</u>
(address)	<u>PO BOX 749</u>	(address)	<u>PO BOX 749</u>
	<u>DENVER CO 80201-0749</u>		<u>DENVER CO 80201-0749</u>
phone	<u>(303) 572-1121</u>	phone	<u>(303) 572-1121</u>
account no.	<u>N 0230 (B)</u>	account no.	<u>N0675</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30629</u>	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- LEC 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 3-8-96)
- LEC 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 3-8-96)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- LEC 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-11-96) (4-3-96/Indian) (4-15-96/Fed C.A.'s) (8-20-96/Indian C.A.'s)
- LEC 6. Cardex file has been updated for each well listed above.
- LEC 7. Well file labels have been updated for each well listed above.
- LEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-11-96)
- LEC 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only) Surety No. U605382-1 (\$80,000) United Pacific Ins. Co.

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. *\* Upon Compl. of routing.*
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date March 11, 1996. If yes, division response was made by letter dated                      19    . *(Same Bond as Coaster)*

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

9/60311 This change involves Fee lease / non C.A. wells ~~only~~ state lease wells.  
C.A. & Indian lease wells will be handled on separate change.

9/60412 BLM / SL Appr. C.A.'s 4-11-96.

9/60820 BIA Appr. CA's 8-16-96.

9/60329 BIA Appr. Indian Lease wells 3-26-96.

WE71/34-35

\*9/61107 Lemicy 2-582/43-013-30784 under review at this time; no chg. yet!

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL		Field	County
					Footages	Section, Township & Range		
Evans Ute 2-17B3	43-013-31056	Fee 5326	Ute	96104	1701' FSL & 1474' FWL	NWSW, 17-2S-3W	Altamont	Duchesne
Miles 1-35A4	43-013-30029	Fee 1965	N/A	9618	1980' FNL & 1980' FEL	SWNE, 35-1S-4W	Altamont	Duchesne
Miles 2-35A4	43-013-31087	Fee 1966	N/A	9618	802' FWL & 1530' FSL	NWSW, 35-1S-4W	Altamont	Duchesne
Brotherson 2-11B4	43-013-31078	Fee 1541	N/A	9623	944' FSL & 1643' FWL	SESW, 11-2S-4W	Altamont	Duchesne
Brotherson 1-2B4	43-013-30062	Fee 1570	N/A	9635	1478' FNL & 1459' FEL	SWNE, 2-2S-4W	Altamont	Duchesne
Brotherson 2-2B4	43-013-30855	Fee 8420	N/A	9635	1371' FSL & 1498' FWL	NESW, 2-2S-4W	Altamont	Duchesne
Broadhead 1-21B6	43-013-30100	Patented 1595	N/A	9639	540' FNL & 2610' FEL	NWNE, 21-2S-6W	Altamont	Duchesne
Ute Brotherson 2-34A4	43-013-30978	Fee 16070	N/A	9640	663' FWL & 1626' FSL	NWSW, 34-1S-4W	Altamont	Duchesne
Rust 2-36A4	43-013-31092	Fee 1577	N/A	9642	1516' FWL & 1955' FSL	NESW, 36-1S-4W	Altamont	Duchesne
Babcock 1-12B4	43-013-30104	Patented 1630	Ute	9643	2248' FNL & 1000' FEL	SENE, 12-2S-4W	Altamont	Duchesne
Babcock 2-12B4	43-013-31005	Fee 16215	N/A	9643	502' FWL & 503' FSL	SWSW, 12-2S-4W	Altamont	Duchesne
Ellsworth 1-9B4	43-013-30118	Patented 1660	N/A	9645	1444' FNL & 700' FEL	SENE, 9-2S-4W	Altamont	Duchesne
Ellsworth 2-9B4	43-013-31138	Fee 16460	N/A	9645	2976' FNL & 2543' FWL	NESW, 9-2S-4W	Altamont	Duchesne
Burton 2-15B5	43-013-31044	Fee 16210	N/A	9646	718' FWL & 1604' FSL	NWSW, 15-2S-5W	Altamont	Duchesne
Tew 2-10B5	43-013-31125	Fee 1756	N/A	9654	851' FWL & 729' FSL	SWSW, 10-2S-5W	Altamont	Duchesne
Goodrich 1-2B3	43-013-30182	Patented 1765	N/A	9655	2347' FSL & 1514' FEL	NWSE, 2-2S-3W	Bluebell	Duchesne
Goodrich 2-2B3	43-013-31246	Fee 11037	N/A	9655	678' FNL & 2235' FWL	NENW, 2-2S-3W	Bluebell	Duchesne
Robb 2-29B5	43-013-31130	Fee 10454	N/A	9656	2214' FWL & 1037' FSL	SESW, 29-2S-5W	Altamont	Duchesne
Ellsworth 1-16B4	43-013-30192	Patented 1735	Ute	9659	1301' FNL & 1101' FEL	NENE, 16-2S-4W	Altamont	Duchesne
Ellsworth 2-16B4	43-013-31046	Fee 10217	N/A	9659	1075' FWL & 1439' FSL	NWSW, 16-2S-4W	Altamont	Duchesne
Lake Fork 2-13B4	43-013-31134	Fee 10452	N/A	9660	963' FWL & 819' FSL	SWSW, 13-2S-4W	Altamont	Duchesne
Jessen 2-21A4	43-013-31256	Fee 11061	N/A	9661	702' FSL & 2182' FWL	SESW, 21-1S-4W	Altamont	Duchesne
Jenkins 1-1B3	43-013-30175	Patented 1790	N/A	9670	1807' FNL & 1888' FWL	SENE, 1-2S-3W	Bluebell	Duchesne
Jenkins 2-1B3	43-013-31117	Fee 1792	N/A	9670	803' FWL & 662' FSL	SWSW, 1-2S-3W	Bluebell	Duchesne
Birch 3-27B5	43-013-31126	Fee 1783	N/A	9671	979' FWL & 1151' FSL	SWSW, 27-2S-5W	Altamont	Duchesne
Lazy K 2-11B3	43-013-31352	Fee 11362	N/A	9672	503' FNL & 2017' FEL	NWNE, 11-2S-3W	Bluebell	Duchesne
Rudy 1-11B3	43-013-30204	Patented 1820	N/A	9672	2111' FSL & 2483' FEL	NWSE, 11-2S-3W	Bluebell	Duchesne
Brotherson 1-24B4	43-013-30229	Fee 1865	N/A	9674	1445' FNL & 1894' FEL	SWNE, 24-2S-4W	Altamont	Duchesne
Brotherson 3-23B4	43-013-31289	Fee 11141	N/A	<del>9674</del>	1177' FSL & 1112' FWL	SWSW, 23-2S-4W	Altamont	Duchesne
Evans 1-19B3	43-013-30265	Fee 1776	N/A	9678	1256' FNL & 893' FEL	NENE, 19-2S-3W	Altamont	Duchesne
Jenkins 2-12B3	43-013-31121	Fee 10459	N/A	9679	1623' FNL & 1047' FEL	SENE, 12-2S-3W	Bluebell	Duchesne
Bleazard 2-28B4	43-013-31304	Fee 11433	N/A	9681	1580' FSL & 2335' FWL	NESW, 28-2S-4W	Altamont	Duchesne
Lamicq 2-5B2	43-013-30784	Fee 2302	N/A	9683	1963' FWL & 803' FSL	SESW, 5-2S-2W	Bluebell	Duchesne
C.R. Aimes 1-23A4	43-013-30375	Fee 5675	Ute	9C133	704' FEL & 1515' FNL	SENE, 23-1S-4W	Altamont	Duchesne
Chandler 1-5B4	43-013-30140	Patented 1685	Ute	NW580	2120' FNL & 1553' FEL	SWNE, 5-2S-4W	Altamont	Duchesne
Chandler 2-5B4	43-013-31000	Fee 10075	Ute	NW580	466' FSL & 1180' FWL	SWSW, 5-2S-4W	Altamont	Duchesne
Monsen 2-27A3	43-013-31104	Fee 1746	N/A	NW581	1801' FWL & 2008' FSL	NESW, 27-1S-3W	Altamont	Duchesne
Monsen 3-27A3	43-013-31401	Fee 11686	N/A	NW581	850' FNL & 1520' FWL	NENW, 27-1S-3W	Altamont	Duchesne
Ute Smith 1-30B5	43-013-30521	Fee 1950	Ute	UT08014987C696	1890' FSL & 624' FEL	NESE, 30-2S-5W	Altamont	Duchesne
Bleazard 1-18B4	43-013-30059	Patented 1565	N/A	N/A	1923' FNL & 2314' FEL	SWNE, 18-2S-4W	Altamont	Duchesne
Bleazard 2-18B4	43-013-31025	Fee 1566	N/A	N/A	857' FWL & 861' FSL	SWSW, 18-2S-4W	Altamont	Duchesne
Bodero 1-15B3	43-013-30565	Fee 2360	N/A	N/A	1370' FNL & 1679' FWL	SENE, 15-2S-3W	Altamont	Duchesne
Broadhead 2-32B5	43-013-31036	Fee 10216	N/A	N/A	1686' FWL & 1116' FSL	SESW, 32-2S-5W	Altamont	Duchesne
Brotherson 1-10B4	43-013-30110	Patented 1614	N/A	N/A	2037' FNL & 2052' FEL	SWNE, 10-2S-4W	Altamont	Duchesne
Brotherson 1-14B4	43-013-30051	Patented 1535	N/A	N/A	2100' FNL & 750' FEL	SENE, 14-2S-4W	Altamont	Duchesne
Brotherson 1-22B4	43-013-30227	Fee 1780	N/A	N/A	1642' FNL & 1297' FEL	SENE, 22-2S-4W	Altamont	Duchesne
Brotherson 1-23B4R	43-013-30483	Patented 8423	N/A	N/A	747' FNL & 2380' FEL	NWNE, 23-2S-4W	Altamont	Duchesne
Brotherson 1-26B4	43-013-30336	Patented 1856	N/A	N/A	1272' FNL & 1408' FEL	NWNE, 26-2S-4W	Altamont	Duchesne
Brotherson 1-28A4	43-013-30292	Patented 1841	N/A	N/A	751' FNL & 1130' FEL	NENE, 28-1S-4W	Altamont	Duchesne

Pennzoil

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:  
Coastal Oil & Gas Corporation

3. Address and Telephone Number:  
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

4. Location of Well

Footages: See Attached

QQ, Sec., T., R., M.: See Attached

5. Lease Designation and Serial Number:  
See Attached

6. If Indian, Allottee or Tribe Name:  
See Attached

7. Unit Agreement Name:  
See Attached

8. Well Name and Number:  
See Attached

9. API Well Number:  
See Attached

10. Field and Pool, or Wildcat:  
See Attached

County: See Attached

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit In Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                       | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                     | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection                | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize           | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other Change of Operator |   |


Date of work completion \_\_\_\_\_

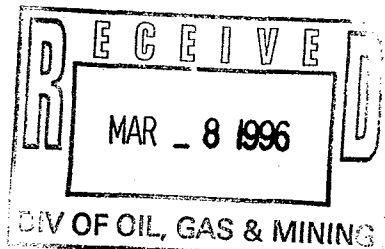
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

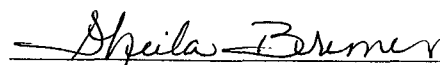
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

  
Bonnie Carson, Sr. Environmental & Safety Analyst  
ANR Production Company



13.

Name & Signature: 

Sheila Bremer  
Environmental & Safety Analyst

Title: Coastal Oil & Gas Corporation

Date: 03/07/96

(This space for State use only)

UNITED STATES GOVERNMENT  
memorandum

DATE: August 16, 1996

REPLY TO  
ATTN OF: Superintendent, Uintah and Ouray Agency

SUBJECT: Designation of Successor Operator

TO: Bureau of Land Management, Vernal District Office

We are in receipt of the Designations of Successor Operator for our approval whereby Coastal Oil & Gas Corporation was designated as the new Operator for the Communization Agreements (CA) listed on the attached sheet, Exhibit "A".

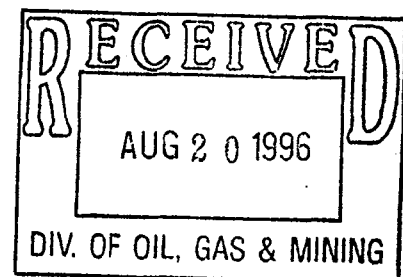
The enclosed instruments were approved on the date of this letter. Coastal's Nationwide Bond will be used to cover all operations, and plugging and abandonment of wells.

If you have any questions, please contact this office at (801) 722-2406, Ext. 51/52/54.

*Charles H. Cameron*

Enclosures

cc: Lisha Cordova, Utah State DOGM  
Theresa Thompson, BLM/SLC





## DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Numbers are listed on attached Exhibit "A"

Designation of successor Operator for communitized area, Counties of Uintah and Duchesne, State of Utah, being:

(See attached Exhibit "A" for description of Communitization Agreements)

THIS INDENTURE, dated as of the 9th day of April, 1996, by and between Coastal Oil & Gas Corporation, hereinafter designated as "First Party", and the owners of communitized working interests, hereinafter designated as "Second Parties",

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the above Communitized Area, effective (see attached Exhibit "A") wherein ANR Production Company is designated as Operator of the communitized area; and

WHEREAS said, ANR Production Company has resigned as Operator, and the designation of successor operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties and obligations of Operator under the said Communitization Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of said Communitization Agreement, and the Second Parties covenants and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; and said Agreement being hereby incorporated herein by referenced and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY  
COASTAL OIL & GAS CORPORATION

By: C. E. Lindberg  
C. E. Lindberg  
Vice President

STATE OF COLORADO )  
 )  
COUNTY OF Denver )

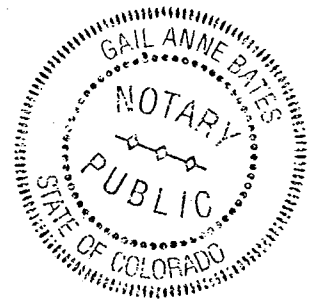
The foregoing instrument was acknowledged before me on the 9th day of April, 1996 by C. E. Lindberg, known to me to be the vice President of Coastal Oil & Gas Corporation, a Delaware corporation, on behalf of said corporation.

Given under my hand and official seal of office on this 9th day of April, 1996.

Gail Anne Bates  
Notary Public in and for the State of Colorado

My Commission Expires:

MY COMMISSION EXPIRES: May 14, 1997  
1314 W. Shepperd Ave., #203B  
Littleton, Colorado 80120



The Designation of Successor Operator is hereby approved this **16th day of August, 1996**, for the Communitization Agreements listed on the attached sheet as Exhibit "A".

Charles H. Cannon  
Acting Superintendent  
BIA - Uintah & Ouray Agency

**Communitization Agreement**

<b>Well Name</b>	<b>Well Location</b>	<b>County</b>	<b>State</b>	<b>Number</b>	<b>Description</b>	<b>Acres</b>	<b>Effective Date</b>
Evans Ute 2-17B3	NWSW, 17-2S-3W	Duchesne	Utah	96104	All Sec. 17-T2S-R3W	640.00	10/01/73
Miles 1-35A4	SWNE, 35-1S-4W	Duchesne	Utah	9618	All Sec. 35-T1S-R4W	640.00	07/01/70
Miles 2-35A4	NWSW, 35-1S-4W	Duchesne	Utah	9618	All Sec. 35-T1S-R4W	640.00	07/01/70
Brotherson 2-11B4	SESW, 11-2S-4W	Duchesne	Utah	9623	All Sec. 11-T2S-R4W	640.00	09/01/70
Brotherson 2-2B4	NESW, 2-2S-4W	Duchesne	Utah	9635	All Sec. 2-T2S-R4W	684.24	03/29/71
Brotherson 1-2B4	SWNE, 2-2S-4W	Duchesne	Utah	9635	All Sec. 2-T2S-R4W	684.24	03/29/71
Broadhead 1-21B6	NWNE, 21-2S-6W	Duchesne	Utah	9639	All Sec. 21-T2S-R6W	640.00	10/21/71
Ute Tribal 2-21B6	SESE, 21-2S-6W	Duchesne	Utah	9639	Sec. 21-T2S-R6W	640.00	10/21/71
Ute 1-34A4	SWNE, 34-1S-4W	Duchesne	Utah	9640	All Sec. 34-T1S-R4W	640.00	09/03/71
Ute Brotherson 2-34A4	NWSW, 34-1S-4W	Duchesne	Utah	9640	All Sec. 34-T1S-R4W	640.00	09/03/71
Rust 2-36A4	NESW, 36-1S-4W	Duchesne	Utah	9642	All Sec. 36-T1S-R4W	640.00	12/08/71
Ute 1-36A4	NENE, 36-1S-4W	Duchesne	Utah	9642	All Sec. 36-T1S-R4W	640.00	12/08/72
Babcock 1-12B4	SENE, 12-2S-4W	Duchesne	Utah	9643	All Sec. 12-T2S-R4W	640.00	02/22/72
Babcock 2-12B4	SWSW, 12-2S-4W	Duchesne	Utah	9643	All Sec. 12-T2S-R4W	640.00	02/22/72
Ellsworth 2-9B4	NESW, 9-2S-4W	Duchesne	Utah	9645	All Sec. 9-T2S-R4W	640.00	03/27/72
Ellsworth 1-9B4	SENE, 9-2S-4W	Duchesne	Utah	9645	All Sec. 9-T2S-R4W	640.00	03/27/72
Burton 2-15B5	NWSW, 15-2S-5W	Duchesne	Utah	9646	All Sec. 15-T2S-R5W	640.00	05/30/72
Ute 1-1B4	SENE, 1-2S-4W	Duchesne	Utah	9649	All Sec. 1-T2S-R4W	688.00	05/15/72
Ute Jenks 2-1B4	NENW, 1-2S-4W	Duchesne	Utah	9649	All Sec. 1-T2S-R4W	688.00	05/15/72
Tew 2-10B5	SWSW, 10-2S-5W	Duchesne	Utah	9654	All Sec. 10-T2S-R5W	640.00	09/26/72
Goodrich 1-2B3	NWSE, 2-2S-3W	Duchesne	Utah	9655	All Sec. 2-T2S-R3W	645.84	09/15/72
Goodrich 2-2B3	NENW, 2-2S-3W	Duchesne	Utah	9655	All Sec. 2-T2S-R3W	645.84	09/15/72
Robb 2-29B5	SESW, 29-2S-5W	Duchesne	Utah	9656	All Sec. 29-T2S-R5W	640.00	10/01/72
Ellsworth 1-16B4	NENE, 16-2S-4W	Duchesne	Utah	9659	All Sec. 16-T2S-R4W	640.00	10/04/72
Ellsworth 2-16B4	NWSW, 16-2S-4W	Duchesne	Utah	9659	All Sec. 16-T2S-R4W	640.00	10/04/72
Lake Fork 2-13B4	SWSW, 13-2S-4W	Duchesne	Utah	9660	All Sec. 13-T2S-R4W	640.00	10/26/72
Jessen 2-21A4	SESW, 21-1S-4W	Duchesne	Utah	9661	All Sec. 21-T1S-R4W	640.00	09/01/72
Jenkins 2-1B3	SWSW, 1-2S-3W	Duchesne	Utah	9670	All Sec. 1-T2S-R3W	644.92	11/30/72
Jenkins 1-1B3	SENW, 1-2S-3W	Duchesne	Utah	9670	All Sec. 1-T2S-R3W	644.92	11/30/72
Birch 3-27B5	SWSW, 27-2S-5W	Duchesne	Utah	9671	All Sec. 27-T2S-R5W	640.00	01/30/73
Lazy K 2-11B3	NWNE, 11-2S-3W	Duchesne	Utah	9672	All Sec. 11-T2S-R3W	640.00	01/30/73
Rudy 1-11B3	NWSE, 11-2S-3W	Duchesne	Utah	9672	All Sec. 11-T2S-R3W	640.00	01/30/73
Brotherson 1-24B4	SWNE, 24-2S-4W	Duchesne	Utah	9674	All Sec. 24-T2S-R4W	640.00	03/13/73
Evans 2-19B3	NESW, 19-2S-3W	Duchesne	Utah	9678	All Sec. 19-T2S-R3W	632.66	01/22/73
Evans 1-19B3	NENE, 19-2S-3W	Duchesne	Utah	9678	All Sec. 19-T2S-R3W	632.66	01/22/73
Ute 3-12B3	SWNW, 12-2S-3W	Duchesne	Utah	9679	All Sec. 12-T2S-R3W	640.00	04/16/73

**Communitization Agreement**

<b>Well Name</b>	<b>Well Location</b>	<b>County</b>	<b>State</b>	<b>Number</b>	<b>Description</b>	<b>Acres</b>	<b>Effective Date</b>
Jenkins 2-12B3	SENE, 12-2S-3W	Duchesne	Utah	9679	All Sec. 12-T2S-R3W	640.00	04/16/73
Bleazard 2-28B4	NESW, 28-2S-4W	Duchesne	Utah	9681	All Sec. 28-T2S-R4W	640.00	03/15/73
Ute 1-28B4	SWNE, 28-2S-4W	Duchesne	Utah	9681	All Sec. 28-T2S-R4W	640.00	03/15/73
Murdock 2-34B5	NESW, 34-2S-5W	Duchesne	Utah	9685	All Sec. 34-T2S-R5W	640.00	02/12/73
Ute Tribal 10-13A4	NWNE, 13-1S-4W	Duchesne	Utah	9C-126	All Sec. 13-T1S-R4W	640.00	03/10/74
C.R. Aimes 1-23A4	SENE, 23-1S-4W	Duchesne	Utah	9C133	All Sec. 23-T1S-R4W	640.00	03/01/74
Ute 1-8A1E	SWNE, 8-1S-1E	Uintah	Utah	9C138	All Sec. 8-T1S-R1E	640.00	10/21/74
Ute 2-33Z2	SWSW, 33-1N-2W	Duchesne	Utah	9C140	All Sec. 33-T1N-R2W	640.00	08/01/75
Ute Tribal 1-33Z2	SWNE, 33-1N-2W	Duchesne	Utah	9C140	All Sec. 33-T1N-R2W	640.00	08/01/75
Ute Smith 1-30B5	NESE, 30-2S-5W	Duchesne	Utah	UT08014987C696	All Sec. 30-T2S-R5W	609.24	06/18/81
Myrin Ranch 2-18B3	NWSW, 18-2S-3W	Duchesne	Utah	UTU70814	All Sec. 18-T2S-R3W	629.70	11/05/92
Ute Tribal 2-22B6	SESE, 22-2S-6W	Duchesne	Utah	UTU73743	Sec. 22-T2S-R6W	640.00	09/06/94
Ute 1-15B6	NWSW, 15-2S-6W	Duchesne	Utah	UTU73964	All Sec. 15-T2S-T6W	640.00	04/11/95

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
UT-922

April 11, 1996

### Memorandum

TO: Superintendent, Uintah and Ouray Agency, Ft. Duchesne, Utah

FROM: Chief, Branch of Fluid Minerals, BLM, Utah State Office, Salt Lake City, Utah

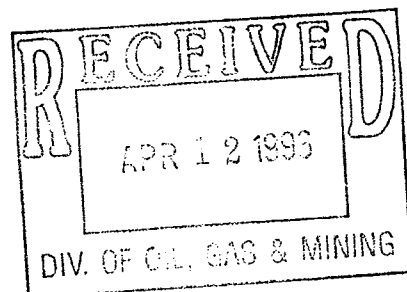
SUBJECT: Successor of Operator, Communitization Agreement's (CA) 96-000018, 96-000023, 96-000035, 96-000039, 96-000040, 96-000042, 96-000043, 96-000045, 96-000046, 96-000049, 96-000054, 96-000055, 96-000056, 96-000059, 96-000060, 96-000061, 96-000070, 96-000071, 96-000072, 96-000074, 96-000078, 96-000079, 96-000081, 96-000085, 96-000104, 9C-000126, 9C-000133, 9C-000138, 9C-000140, UT080149-87C696, UT70814, UTU73743 and UTU73964, Duchesne and Uintah Counties, Utah

The enclosed Designation of Successor of Operators for CA's 96-000018, 96-000023, 96-000035, 96-000039, 96-000040, 96-000042, 96-000043, 96-000045, 96-000046, 96-000049, 96-000054, 96-000055, 96-000056, 96-000059, 96-000060, 96-000061, 96-000070, 96-000071, 96-000072, 96-000074, 96-000078, 96-000079, 96-000081, 96-000085, 96-000104, 9C-000126, 9C-000133, 9C-000138, 9C-000140, UT080149-87C696, UT70814, UTU73743 and UTU73964, Duchesne and Uintah Counties, Utah, have been reviewed by this office and found to be acceptable and we recommend approval. The new operator will be Coastal Oil & Gas Corporation. Upon approval of these Successor of Operators, please return one copy to this office.

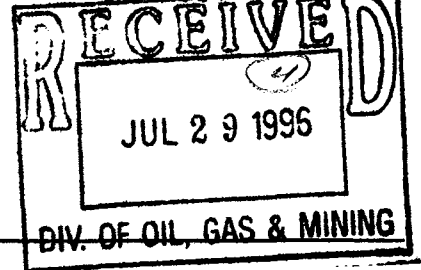
If you have any questions, please contact Teresa Thompson at (801) 539-4047.

### Enclosures

bcc: ~~96-000100~~  
CA's (33)  
DM - Vernal  
Division Oil, Gas & Mining  
Agr. Sec. Chron.  
Fluid Chron



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
RECORD OF ABANDONMENT OPERATIONS



COMPANY NAME: ARR PRODUCTION CO.

WELL NAME: MILES 1-35A4

QTR/QTR: SW/NE SECTION: 35 TOWNSHIP: 1S RANGE: 4W

COUNTY: DUCHESNE API NO: 43-013-30029

INSPECTOR: DAVID W. HACKFORD TIME: VARIOUS DATE: 7/14-7/16

SURFACE CASING SHOE DEPTH 1490' CASING PULLED YES ☐ NO ☒

CASING PULLED: SIZE NA CUT DEPTH        FT/CBG RECOVERED       

CASING TESTED YES ☐ NO ☒ TESTED TO:        PSI TIME:        MIN:

CEMENTING COMPANY: BASIN CEMENT

CEMENTING OPERATIONS: P&A WELL: ☒

PLUG 1. SET: FROM 9380 FT. TO 9175 FT. TAGGED YES ☐ NO ☒

SLURRY: CLASS G, 15.8 WEIGHT, 1.15 YIELD, NEAT. 40 SACKS TOTAL.

PLUG 2. SET FROM 3991 FT. TO 3500 FT. TAGGED YES ☒ NO ☐

SLURRY: SAME AS ABOVE, 120 SACKS TOTAL.

PLUG 3. SET FROM 1684 FT. TO 1384 FT. TAGGED YES ☐ NO ☒

SLURRY: SAME AS ABOVE, 60 SACKS TOTAL.

PLUG 4. SET FROM        FT. TO        FT. TAGGED YES ☐ NO ☐

SLURRY:       

SURFACE PLUG: FROM 150 FT. TO 0 FT.

ALL ANNULUS CEMENTED TO SURFACE: YES ☒ NO ☐

PLUGGING FLUID TYPE: 3 DRUMS PACKER FLUID #1 MIXED WITH PRODUCTION WATER

PERFORATIONS: FROM        FT. TO        FT.  
FROM        FT. TO        FT.

# 1 CIBP SET: CEMENT RETAINER AT 9250'.

# 2 CIBP SET:       

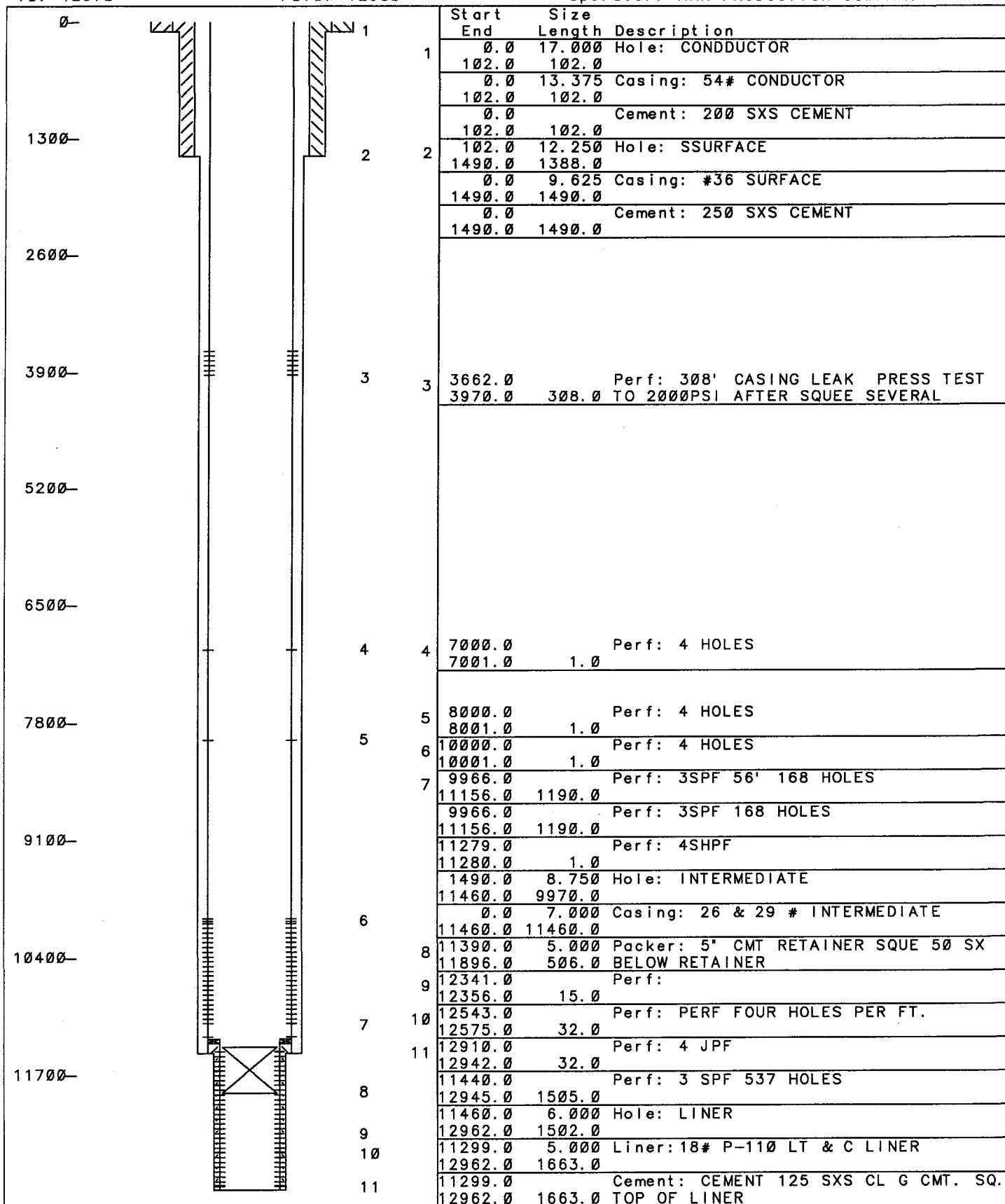
ABANDONMENT MARKER: PLATE: ☒ PIPE: ☐ CORRECT INFORMATION: ☒

COMMENTS: PLUG NUMBER 2 WAS TAGGED AT 3600' SO 20 SACKS WAS ADDED TO TOP OF BALANCED PLUG. NO NEW PERFORATIONS DURING PLUGGING JOB BUT WELL HAS NUMEROUS PERFORATIONS BELOW CEMENT RETAINER AT 9250.

Spud Date: 12/01/1969  
KB: 6396  
TD: 12970

Comp Date: 05/10/1970  
ELEV: 6379  
PBTD: 12950

API #: 43-013-30029-  
Location: Sec 35 Twn 01S Rng 04W  
County: DUCHESNE  
State: UTAH  
Field: ALTAMONT  
Operator: ANR PRODUCTION COMPANY



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

Fee

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

CA # 9618

8. Well Name and No.

Miles #1-35A4

9. API Well No.

43-013-30029

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1980' FNL & 1980' FEL

SW/NE Section 35-T1S-R4W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

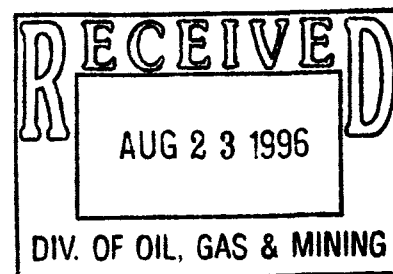
☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached chronological history for work performed on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed Sheila Bremer Title Environmental & Safety Analyst Date 08/21/96

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

MILES #1-35A4 (PLUG & ABANDON)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UT  
WI: 71.68% ANR AFE: 00605  
TD: 12,970'  
CWC(M\$): 68.0

7/17/96

**Well P & A'd.**

**7/13-16/96:** MIRU Wisco. POH w/rods. ND WH, NU BOP. Rel TAC & POH w/2 7/8" tbg. Set CICR on tbg @ 9250'. PT 7" csg to 800#. Est inj rate below ret @ 2 BPM, 700#. Roll hole w/90 ppg mud. Sqz 25 sk Class 'G' cmt below retainer & leave 15 sk on top (TOC 9166'). POH w/tbg to 4000'. Spot 100 sk Class 'G' from 3455' to 4000'. POH & WOC. TIH & tag plug @ 3650'. Spot additional 20 sk cmt on top, est TOC @ 3542'. POH to 1700'. Spot 60 sk Class 'G' from 1440' to 1700'. POH, ND BOP. Spot 40 sk Class 'G' @ sfc from 0'-150'. Cut off WH 3' BGL. Cmt all annulus w/40 sk Class 'G'. Weld on plate. P & A witnessed by State of Utah. Well P & A'd 7/16/96.

**Final Report.**

15000000

**WILLISTON, N. DAK. 58802-2477**

CUSTOMER ORDER NO.	ORDERED BY	DATE 11/96
CUSTOMER REQUISITION NO.	TAKEN BY	FILLED BY
ORDERED VIA		
SHIPPED VIA		
SPECIAL INSTRUCTIONS		

SERVICES PERFORMED BY <u>H. J. H. H.</u> WISCO REPRESENTATIVE		Thank You Mr. <u>1113-FFE</u> APPROVED BY  COMPANY NAME		TOTAL <u>209000</u>
				DT NO. <u>N: 7862</u>
				INVOICE NO. <u>19378</u>
				DATE <u>7-1-76</u>